THE

CS 50
FAIR

December 10, 2010 @ Northwest Science.

Im in ur raffle ticket. See inside for instructions.

Name: ____________________________________________
Harvard Email: _______________________________________
Phone: _____________________________________________

PLACE STICKERS HERE!
This is CS50. “Demanding, but definitely doable. Social, but educational. A focused topic, but broadly applicable skills. CS50 is the quintessential Harvard course.”

welcome

Welcome to the CS50 Fair! CS50 is a first course in Computer Science for concentrators and non-concentrators alike. More than just teach you how to program, this course teaches you how to think more carefully and how to solve problems more effectively. As such, its lessons are applicable well beyond the boundaries of computer science itself. That the course does teach you how to program, though, is perhaps its most empowering return.

The climax of this course is its final project, an opportunity to take your knowledge of programming out for a spin and design your very own piece of software.

You can take CS50 at the College or through the Extension School (as CSCI E-52). Follow along at home at cs50.tv.

On exhibition today are the accomplishments of Fall 2010’s 500 students. This is the CS50 Fair. This is CS50.

the raffle

Whether you are a student in CS50 or just here to see some projects, you are eligible to partake in today’s raffle. Earn stickers from students and earn chances to win!

Step 0: Ask each student whose project you see for a sticker.

Step 1: Apply that sticker to this program’s cover, up to a maximum of 12.

Step 2: Tear off this program’s cover and drop it in the raffle box on your way out.

A cover page with \( n \) stickers means \( n \) chances to win one of today’s prizes!

Prizes: Xbox 360, Wii, Google TV, Flip MinoHD, HD Zune, NVIDIA GeForce GTX 480, Facebook Credits, and gift cards from Boloco, Kickass Cupcakes, Grafton Street, and JP Licks.

Check www.cs50.net tomorrow to see if you’ve won!
### fun facts

#### What kind of projects are here?

<table>
<thead>
<tr>
<th>Project</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Website</td>
<td>418</td>
</tr>
<tr>
<td>Tool</td>
<td>57</td>
</tr>
<tr>
<td>SMS App</td>
<td>30</td>
</tr>
<tr>
<td>Game</td>
<td>30</td>
</tr>
<tr>
<td>iOS App</td>
<td>17</td>
</tr>
<tr>
<td>Facebook App</td>
<td>13</td>
</tr>
<tr>
<td>Mashup</td>
<td>9</td>
</tr>
<tr>
<td>Windows App</td>
<td>8</td>
</tr>
<tr>
<td>Android App</td>
<td>7</td>
</tr>
<tr>
<td>BlackBerry App</td>
<td>5</td>
</tr>
<tr>
<td>Mac OS App</td>
<td>5</td>
</tr>
<tr>
<td>Linux App</td>
<td>3</td>
</tr>
<tr>
<td>Chrome Extension</td>
<td>2</td>
</tr>
<tr>
<td>Firefox Add-On</td>
<td>1</td>
</tr>
<tr>
<td>Voice App</td>
<td>1</td>
</tr>
<tr>
<td>Windows Mobile App</td>
<td>1</td>
</tr>
<tr>
<td>Palm App</td>
<td>1</td>
</tr>
<tr>
<td>Simulation</td>
<td>1</td>
</tr>
<tr>
<td>Procrastination App</td>
<td>1</td>
</tr>
</tbody>
</table>

#### What languages were used for the projects?

<table>
<thead>
<tr>
<th>Language</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTML</td>
<td>413</td>
</tr>
<tr>
<td>PHP</td>
<td>397</td>
</tr>
<tr>
<td>JavaScript</td>
<td>306</td>
</tr>
<tr>
<td>CSS</td>
<td>285</td>
</tr>
<tr>
<td>SQL</td>
<td>274</td>
</tr>
<tr>
<td>Java</td>
<td>23</td>
</tr>
<tr>
<td>C</td>
<td>19</td>
</tr>
<tr>
<td>Objective-C</td>
<td>16</td>
</tr>
<tr>
<td>Ruby</td>
<td>15</td>
</tr>
<tr>
<td>Python</td>
<td>8</td>
</tr>
<tr>
<td>ActionScript</td>
<td>7</td>
</tr>
<tr>
<td>Processing</td>
<td>5</td>
</tr>
<tr>
<td>VBScript</td>
<td>2</td>
</tr>
<tr>
<td>Perl</td>
<td>1</td>
</tr>
<tr>
<td>R</td>
<td>1</td>
</tr>
<tr>
<td>VB</td>
<td>1</td>
</tr>
<tr>
<td>UnrealScript</td>
<td>1</td>
</tr>
</tbody>
</table>

#### Who's in the class?

**Gender**
- Male: 63%
- Female: 37%

**Comfort Level with Computers** (back in September 2010)
- One: 17%
- None: 77%
- "somewhere in between": 42%
- "more comfortable": 12%
- "less comfortable": 46%

**Reason for taking course**
- Core, Gen Ed: 8%
- Concentration: 36%
- Elective: 41%
- Other: 15%
- "more comfortable": 12%
- "less comfortable": 46%
- "somewhere in between": 42%

#### Prior CS Courses
- One: 17%
- None: 77%
- "somewhere in between": 42%
- "more comfortable": 12%
- "less comfortable": 46%

**Who accepts CS50 for concentration credit?**
- Anthropology
- Applied Mathematics
- Astrophysics
- Biomedical Engineering
- Chemical and Physical Biology
- Chemistry
- Chemistry and Physics
- Computer Science
- Earth and Planetary Sciences
- Engineering Sciences
- Mathematics
- Molecular and Cellular Biology
- Neurobiology
- Organismic and Evolutionary Biology
- Physics
- Psychology
- Statistics

*CS50 also satisfies Gen Ed’s Empirical and Mathematical Reasoning requirement*
the projects

GAME
20 Questions
Ashton Howard ’11, Statistics
A twenty-questions style game, where the computer tries to guess what word you are thinking of by asking yes or no questions.

WEBSITE
A Better Plan of Study Tool
Chris Overstreet ’13, Physics; Gabe Frangakis ’13, Applied Mathematics
Declare your future courses quickly and easily.

WEBSITE
A Butterfly Dream
Shirley Zhou ’13, History and Science
Daily words of inspiration and wisdom to go.

WEBSITE
A Chinatown ESL website for the 21st Century
Jackie Li, East Asian Studies; Marion Liu ’11, Molecular and Cellular Biology
Revamping the Chinatown ESL website to make it more user friendly, helpful, and interactive for both the students and the teachers.

TOOL
A Pitch in Time
Joshua Baiel ’11, Molecular and Cellular Biology; Umang Shukla ’11, Physics
Satisfy all of your on the fly conducting needs!

WEBSITE
A Stroll Though Introductory Analysis
Gurbir Dhillon ’13, Mathematics
Take a free e-course in analysis!

WEBSITE
An R Web Application: Fitting Hierarchical Models with ADM
Joseph Kelly G-3, Statistics
A web based interface for an R package!

SMS APP
An SMS-Based Tool For Finding Course Location and Meeting Times
Matt Alpert ’12, Physics
Forget when/where that class you wanted to shop is meeting? No worries, find out with a quick text!

WEBSITE
Andiamo!

Academic Dentistry
Jason Outlaw, Dentistry
AcademicDentistry.org/beta allows students, career advisers, and the public to understand the realm of possibility for careers academic dentistry

WEBSITE
Access to Safe Drinking Water - A Visualization
Diana Suen ’11, Government
Visualizes the percentage of people without access to safe drinking water from 1970-2004 by country

GAME
The Adventures of the Little Guy who Lives in the Computer
Hannibal Caleb Taubes ’13, East Asian Studies
A flash videogame where you fly around and shoots ones and zeroes at aliens.

BLACKBERRY APP, FACEBOOK APP, SMS APP, TOOL, WEBSITE
Aid Aide
Zachary Hamed ’14
Financial aid made easy - fill out forms, get help from professionals, track deadlines, and learn the lingo, all in one place.

WEBSITE
Albanian Club Website
Benjana Guraziu ’13, Neurobiology
Information about the club no one knew existed!

IOS APP
An App for The Crimson
Naveen Srivatsa ’12, Economics
An iPhone app for viewing Crimson articles

TOOL, WEBSITE
The Automated Office Hour Big Board
Danny Pellegrini ’11, Government
This is a website that keeps track of the order in which students have signed up for cs50 office hours.

GAME, WEBSITE, WINDOWS APP
Awesom-O 4000: The Harvard Chatbot
Konstantine Kolomoyskyy ’12, Government
A resourceful chatbot that has (almost) all the answers!

WEBSITE
B spot
Jason Anthony Williams ’11, Neurobiology
Website to help students navigate restaurants and bars in boston

BLACKBERRY APP
BAC
Louis Cid ’14, Computer Science
A BlackBerry application that calculates an estimated Blood Alcohol Concentration.

GAME
Base Defense
Matt Wickenburg ’13, Engineering Sciences

Liana Rae Hershey-Nexon ’11, Linguistics
Make plans with your friends to go to fun events.

ANDROID APP, TOOL
Android Reader
Devin Ralph Bean ’13, Government
Make reading easy on your Android phone!

WEBSITE
Arabic for Motivated Dummies
Anna Fumiko Trowbridge ’12, Government
You can’t learn Arabic in one week, but at least what you’ll learn on this website is absolutely grammatically correct.

TOOL, WEBSITE
Article Ribbon
Wyatt Gleichauf ’11, Neurobiology
A website to keep an organized list of articles to come back to later.

WEBSITE
The Adventures of the Little Guy who Lives in the Computer
Hannibal Caleb Taubes ’13, East Asian Studies
A flash videogame where you fly around and shoots ones and zeroes at aliens.

BLACKBERRY APP, FACEBOOK APP, SMS APP, TOOL, WEBSITE
Aid Aide
Zachary Hamed ’14
Financial aid made easy - fill out forms, get help from professionals, track deadlines, and learn the lingo, all in one place.

WEBSITE
Albanian Club Website
Benjana Guraziu ’13, Neurobiology
Information about the club no one knew existed!

IOS APP
An App for The Crimson
Naveen Srivatsa ’12, Economics
An iPhone app for viewing Crimson articles

TOOL, WEBSITE
The Automated Office Hour Big Board
Danny Pellegrini ’11, Government
This is a website that keeps track of the order in which students have signed up for cs50 office hours.

GAME, WEBSITE, WINDOWS APP
Awesom-O 4000: The Harvard Chatbot
Konstantine Kolomoyskyy ’12, Government
A resourceful chatbot that has (almost) all the answers!

WEBSITE
B spot
Jason Anthony Williams ’11, Neurobiology
Website to help students navigate restaurants and bars in boston

BLACKBERRY APP
BAC
Louis Cid ’14, Computer Science
A BlackBerry application that calculates an estimated Blood Alcohol Concentration.
A turret defense game.

WEBSITE

BbbleUp
Brendan Gannon, other
Digg + Yelp - boring stuff. BbbleUp is a community for sharing a few of your favorite things.

ANDROID APP, WEBSITE

Beantown Bboy Breakdown
Richard Jay Li ’12, Economics; Ke Xu ’11, Neurobiology; Terry James ’13, Applied Mathematics
Find the freshest bboy jam near you!

TOOL, WEBSITE

Beast Conversions
Ben Li ’12, Physics
A website that takes one performance (e.g. running time, swim time, chess score, etc.) and converts it to another.

ANDROID APP

BeatBoxx
Daven Farnham
Make your own song!

WEBSITE

been/going
Ida Belle Hempel ’14
See where others have been, what they thought, and where they’re going around the world.

WEBSITE

Big Brother Harvard
Andrew Keith Murray ’13, Economics
A website where Harvard students can write about their experiences and investigate what their fellow students are up to.

WEBSITE

Blabbertrees
Kejia Tang
Comment trees starting with one topic.

WEBSITE

Blackjack
Kevin Mazige ’13, Engineering Sciences
Play Blackjack

WEBSITE

Blogitty Blog
Bianca Alexis Villegas, other
A microblogging website that encourages substantive discussions.

GAME

Blue Scare
Romeo Paul Alexander ’11, Mathematics
The Yale Avoidance Game

GAME

Bomb Defense: Optical Flow
Benjamin Regnier
Defend your city!

SMS APP, TOOL, WEBSITE

Boston Churches
Katie MacMillan ’13, Government
A website for exploring and editing information about churches around Boston.

WEBSITE

Boston Events Viewer
Stephanie Wang ’12, Physics; Evan Taylor Rosenman ’12, Physics
A website for finding events around Boston, Cambridge, and college campuses in the area.

WEBSITE

Box of Boom
Mike Pastore
A user-driven directory of live music videos pulled from YouTube

WEBSITE

Brain Break
Megan Marie Quintero ’14, Engineering Sciences
A procrastination website.

WEBSITE

Bride Temple Church of God Online
E.J. Blair ’13, Applied Mathematics
An interactive website for a suburban church in GA

WEBSITE

broletariat.com
Thomas Kolasa ’13, Economics
A place where Harvard bros can like... chill

TOOL, WEBSITE

The Bulletin Board
Jason Chia-Chung Huo ’14, Biomedical Engineering
Advertise posters for events or just for fun.

WEBSITE

C$50 Lotto
Mitch Lawrence ’14, Economics
A user-based interactive lottery website (for fun)

TOOL, WEBSITE

Cask
Cherry Park ’14
An interactive cue-guide.

WEBSITE

Casual Blogger
Lauren Xie ’13, Environmental Science and Public Policy
A blog-hosting website for first-time bloggers!

WEBSITE

CatchyName
Arjun Mahajan Nandkishore ’13, Physics
A website that lets you explore where a photo was taken.

GAME, WEBSITE

Checkers: A Game
Ryan Meltzer ’14
Play checkers with a friend or challenge a better-than-random-moves computer player!

WEBSITE

Chemistry Website
Mette Smedegaard Andersen ’11, Chemistry and Physics
A website for the students of the Harvard Chemistry Department

GAME

Chess: Learning Not to Lose
David Zhang ’13, Economics
The more it plays, the better it gets!

MAC OS APP, MASHUP, TOOL, WEBSITE

Chillax (chillaxapp.com)
Ted Pak ’12, other
An RSS reader that lets you relax.

WEBSITE

Chinese Flashcards
Alma Ha Fu Lafler ’13, Computer Science
Create stacks of virtual flash cards to learn Chinese words.

TOOL, VISUALIZATION, WEBSITE

Chrome History X

Keeps track of calorie intake.
Sarah S. Zhang '11, Neurobiology
A Chrome extension to search, manage, and visualize browsing history.

GAME, WEBSITE
Chutes and Ladders
Richard Sima '12, Neurobiology
The ancient Chinese game of strategy and war

TOOL, WEBSITE
#CIRCA
Chris Traganos
Vetted Social Media - The “troll free” live stream.

GAME
Cloud 50
Katie Goldin ’11, Psychology
A game where you control the weather.

MASHUP, TOOL, WEBSITE
CMGR.net
Jon Stinson
Manage gmail contacts.

SMS APP, WEBSITE
College Connections
Shelun Tsai ’13, Neurobiology; Joseph Ryan Seering ’13, Social Studies
A resource for travel between Harvard and Boston-area colleges.

IOS APP
Combining the iPhone’s Sensors
Jonny Hunt ’13, Government
Combining the iPhone’s sensors to aid with astronomy!

WEBSITE
Community Living Website
Daniel Ding ’11, Neurobiology
A website for fostering community in a dorm

WEBSITE
CompDirector
Matthew Ethan Warshauer ’14
Comp management for the Harvard Crimson

WEBSITE
Complete career management solution
Carlos Umberto Pagan Celestino, Computer Science
The website will enable a user to see the career path for their chosen profession.

TOOL, WEBSITE
Creative Concoctions
Zamyla Chan ’14, Engineering Sciences
Discover and share exciting and delicious recipes that can be made in dining halls!

WEBSITE
Crimson Chef
Keith Bryant Doelling ’11, Psychology
When HUDS gives you lemons, what do you do with them? Share your recipes from HUDS foods!

WEBSITE
Crimson Concert Connection
Ian S Anderson ’14
A website for connecting students with concerts in the Boston area!

WEBSITE
Crimson Connection
Siya Xuza ’12, Engineering Sciences
A business social networking tool

WEBSITE
Crimson Courses
Yi Jean Chow ’13, Chemistry and Physics
Find people in your class!

TOOL, WEBSITE
The Crimson Current
Angela Su ’12, Sociology; Kylie Stewart Gleason ’12, Economics
A daily digest in e-mail form with all the information to help a Harvard student start their day

WEBSITE
Crimson H Commons
Andreas Michael Haggerty ’13.

Figure 1: Titles that CS concentrators since 1984 now hold.
Engineering Sciences
A website to find study spaces, study buddies, or for general socializing/networking
WEBSITE

Crimson hireDrill
Edmund Lee, Chemistry
A website for simulated job interviews.

WEBSITE

Crimson Map
Alan Ibrahim ’11, Economics
A website that displays the current location of Harvard College alum through a Google Maps API.

WEBSITE

Crimson Overseas
Jenny Chen ’11, Neurobiology; Sisi Pan ’11, Human Evolutionary Biology
Discover nightlife abroad; paint the town ‘crimson’ overseas with fellow Harvard students!

WEBSITE

Crimsonshelves.com
Dafni Giannikou ’11, Mathematics
Buy and sell books and coursepacks for your classes without any hassle!

WEBSITE

CrimsonSpark
Ben Enowitz ’12, Applied Mathematics; Aaron Ethan Watanabe ’14
Harvard’s Digital Wingman.

WEBSITE

CS50 Assassins.
Steve Burke ’14
A website that organizes and manages games of assassin.

WEBSITE

CS50 L&F
Kevin Leu ’11, Chemistry; Michael Shen ’12, Economics
Lost and Found website

TOOL, WEBSITE

CS50 Line
Jordan Bryant ’11, Classics and Slavic Languages and Literature
Tired of being ignored in CS50 office hours? No more...this is the CS50 Line!
FACEBOOK APP, GAME, WEBSITE

CS50 Magnetic Poetry
Joanna Li ’12, Neurobiology
An online magnetic poetry game featuring CS50 staff, computer science jargon, internet memes, and other lovable poetic elements.
WEBSITE

CS50 Office Hours
Bannus Van der Kloot ’13, Applied Mathematics
Check in on the current status of CS50 Office Hours all over campus!

WEBSITE

CS50 Office Hours Sing-up Board
Le Van Nguyen ’11, Applied Mathematics
No more OH whiteboard mess for future CS50 fellows!

WEBSITE

CS50 Office Hours Website
Gina Yu ’13, Computer Science
A website to find the next available CS50 office hours.

WEBSITE

CS50 Officehours
Talhah Zubair ’14; Allison Han ’13, Neurobiology
Sign up for CS50 Officehours online.

WEBSITE

Cuban-American Undergraduate Student Association at Harvard
Enrique Viciana ’13, Applied Mathematics
The official website for Harvard CAUSA.
GAME, MASHUP, WEBSITE

D.C. Superhero
Alisha Sunde
Fly around fighting crime in Washington D.C.!

WEBSITE

Dear Harvard
Matt Newman ’13, Engineering Sciences
A website for leaving notes of complaints or praise to other members of the Harvard Community.

FACEBOOK APP, WEBSITE

DebateHarvard.
Alice Wei Zhao ’14, Engineering Sciences; Jessica Madison Wu ’14, Engineering Sciences; Nida Naushad ’14, Neurobiology

SMS APP, WEBSITE

Delhi Discounts
Amol Kumar Chauhan ’13, Engineering Sciences
A website and SMS service for members of discount card.

SMS APP, WEBSITE

DHall Monitor
Janet Song ’13, Chemical and Physical Biology; Angeline Baniqued ’13, Applied Mathematics
Find the best and least crowded dining hall to eat at!

WEBSITE

The Dialogue
Collin De La Bruere ’13, Economics
A website to discuss issues and events.

FACEBOOK APP, WEBSITE

DigMeToo
Rob Schaaf ’11, Social Studies
Does (s)he dig me too?

SMS APP, WEBSITE

Dining Hall Alerts
Hilton Augustine III ’13, Engineering Sciences
An sms service to figure out what’s on the menu in the dining halls, as well as a simplified website for the HUHDS menu that allows users to save their favorite foods and get reminders whenever that food is on the menu.

WEBSITE

Dlab
Jonathan Winkle
A website that provides members of my research lab with several tools to enhance communication and efficiency.

TOOL, WEBSITE

Do Me a Favor?
Angela Lou, Human Evolutionary Biology
Uses the power of community to get your errands done!

WEBSITE

The Dora Box
Patrick Augustus Gordon ’11, History and Science; Pierre Abousleiman ’11,
Economics; Rachel Lee Knaster ’13, Government
A website that generates news articles of interest to the user based on their history and preferences
WEBSITE
Dorm Crew Storage Monitor Website
Angie Allen ’11, Sociology
A website for students to sign up to work as storage monitors.
WEBSITE
Dorm Crew Work-O-Meter
Jack Cen ’11, Human Evolutionary Biology
A timesheet generator for Dorm Crew payroll.
SMS APP, WEBSITE
Dunster Grille
Elena Chit ’12, Government
Get an email/text message when your order’s ready!
WEBSITE
Dynamic Movie Clips Displayed in 2D and X3D
Joseph Roth
A website to add user movie clips and allow them to be displayed in 2D format as well as on the skin of a 3D object
WEBSITE
Easy Assassins
James Patrick Hamilton ’14, Linguistics
A website that organizes a game of assassins the way you want it.
WEBSITE
Educational Materials Sharing Website
Stephen Douglas Bates ’14; Yixiao Wang ’14
A website for easy sharing of educational materials.
WEBSITE
The Eliot Grille Website
Devan Marie Kennifer ’12, Neurobiology; Bryan Wesley Dunmire ’11, Economics
The Inferno Grille: Eliot’s hotter than hell
WEBSITE
Espresso Express
Lateef Cobb, Computer Science
Mobile website for independent coffee shop
WEBSITE
theBetBoard.com
Dan Coffey; Gabe Russell
A place to challenge your friends and log bets publicly
GAME
Etch-a-Sketch
Kevin Francis O’Connor ’13, Physics
A variant of the Etch-a-Sketch for the iPhone.
WEBSITE
ExTix
Kyle Randall ’13, Social Studies
A website for reserving seats or joining a waiting list in the Loeb Experimental Theater.
FACEBOOK APP
ExTix
Facebook Birthday Exporter
Valerie Nina Chadha ’11, Economics
Export your Facebook friends’ birthdays to your Google calendar.
FIREFOX ADD-ON
facebookblock
Yohei Oka ’14, Government
“Stop yourself from procrastinating by blocking facebook!”
WEBSITE
Faith my Life
Jimmy Wu ’13, Economics
A website for people to post prayer requests and allow everyone else to comment and offer encouragement
WEBSITE
Family Picks
Dallas Ryan Simons ’12, Physics
A simple family-friendly site for making football picks.
WEBSITE
Fantasy Cricket
Nevin Britto ’11, Engineering Sciences
TOOL, VISUALIZATION, WEBSITE
fantasy news league
Michael Daniel Tom ’13, Physics
Try to predict the future and win big!
WEBSITE
Feed Me
Catherine Coppinger ’13, Computer Science; Will Burke ’13, Engineering Sciences
A college student’s guide to the restaurants of Harvard Square
WEBSITE
Feon’Imerina live online radio station
Danamona Holinirina Andrianarimanana ’13, Economics
A interactive website that broadcasts Malagasy (Madagascar) folklore music live online 24 hours a day.
WEBSITE
IOS APP
FiberApptics
Rachel Arielle Ehrlich
Know the fiber of the foods you’re eating.
WEBSITE
First World Problems
Danny Selgrade ’12, Molecular and Cellular Biology
Sometimes being so privileged is really hard.
WEBSITE
First World Problems (with a Twist!)
Katherine Huang ’11, English
Post your first world problems here, then alleviate your first world guilt through charity!
TOOL, WEBSITE
Fit Finder
Riju Agrawal ’13, Engineering Sciences
Takes the guesswork out of college applications!
WEBSITE
Flarf: The Avant-Garde Poetry Movement
Rebecca Fairclough Elliott ’14, Literature
A poetry blog and tool to write your own flarf poetry.
WEBSITE
Flâneur
Oscar Liu ’13, Economics; Uyanga Tsedev ’13, Engineering Sciences; Aziza Suleymanzade ’13, Physics
Having trouble dawdling? Let us do it for you.
WEBSITE
FMLLocal
Sebastian Winfield Pierce-Durance ’14; Amil Ambalangodage Jayasuriya ’14
An fun, user-friendly FML-style website for localized communities.
TOOL
FOMS - Fear of Missing Something
Corey Wowk
Visual event mapping

WEBSITE
Food Literacy Project Personal Planner
Elan Quynh Nguyen ’13, Psychology
A personal planner for HUHDS Food Literacy Project representatives

IOS APP, WEBSITE
Food Now
Osman Shawkat ’11, Physics
It finds the closest open eatery to your current location.

WEBSITE
The Football Consult
Micah Alexander Stone ’13, Economics
A website for gaining local knowledge about every NFL team.

WEBSITE
Found@Harvard
Arun Viswanath ’13, Linguistics
Post what lost object you found, and the loser will come straight to you! www.foundatharvard.com.

BLACKBERRY APP
Four in a Row
Jacob Kureh ’13, Mathematics
Play the classic game, Four in a Row, on Blackberry.

WEBSITE
Freshman15: Connecting You and Food
24/7
Cici Cao ’13, Economics
Find all currently open late night food places at the click of a button!

WEBSITE
From the Future
Vivian Betty Ling ’14, Human Developmental and Regenerative Biology
Send emails to your friends from themselves! From the future!

WEBSITE
Frosh Dorm Feedback
David Randolph Grieder ’14
A utility for rating and comparing Harvard freshmen dormitories.

WEBSITE
g8keep
Alec Guzov ’13, Economics
A website that streamlines contact information storage.

GAME, WEBSITE
Game of 24 Points

Yiren Lu ’13, Mathematics
A card game platform for mental math

WEBSITE
GeoGames
Francis George Thumpsery ’13, Economics
Play and build adaptive educational games on an online platform!

GAME, IOS APP
Geometries
Alejandro Companioni
A card-matching game for your iOS device.

WEBSITE
Get A Room
Louise Lacinny ’12, Economics; Bonnie Cao ’12, Government
Online centralized platform for reserving rooms at Harvard

WEBSITE
Get Involved Harvard
Karen Xiao ’14; Kai Fei ’14
Easily search for and browse Harvard’s many student organizations!

FACEBOOK APP, WEBSITE
Get Me Outta Here
Brian Edward Connolly ’14
A Facebook App that makes it easier for users to go out on the town and enjoy the company of friends.

WEBSITE
Get Out Harvard
Jacob David Roberts ’13, Government
Share a taxi, propose a trip -- make travelling to and from Harvard social!

WEBSITE
Global China Connection: A High Tech Reboot
Maria Shen ’13, English; Eric Glyman ’12, Economics; Marc Atiyeh ’14, Biomedical Engineering
We aim to implement several tech features that will promote better information flow and more fluid communications for a 50 university large student network with large geographic spread and presence in multiple countries where various languages are used.

WEBSITE
Global Scavenger Hunt
Nico Olarte-Hayes ’11, Physics
A fun, interactive scavenger hunt across the globe!

WEBSITE
Go Crimson
Aruna Gnanasekaran ’12, Philosophy
Revamp the official site of Harvard Athletics!

WEBSITE
Goalie Finder
Paul Frere
“ A website for finding intramural hockey goaltenders”

WEBSITE
gradeU.com
Dario Sava ’13, Engineering Sciences
A website to help communicate social information regarding Harvard Students openly and honestly.

WEBSITE
Graphedlife

WEBSITE
MAXIMUM CUPCAKE SATISFACTION

DAVIS SQUARE • 378 HIGHLAND AVE • SOMERVILLE MA 02144 • WE DELIVER! • 617-628-CUPS (2877) • WWW.KICKASSCUPCAKES.COM
Forrest Price ’14, Computer Science
A website for graphing your life’s data.

WEBSITE
Great Wall Restaurant Website
Steve Lin ’12, Applied Mathematics
A website for Great Wall Chinese Restaurant in Medina, NY.

IOS APP
Grill Helper
Dan Schultz
An application to facilitate the grilling process.

WEBSITE
GSB Blast
Nick Porfilio
A forum where current b-school students and alums can go to share ideas/make requests and browse others’ posts.

GAME
H Man
Andrew Vincent ’13, Classics
Ever wanted to be the Hero of Harvard? Now you can! Save Harvard from the clutches of Yale as it’s newest hero, H Man!

WEBSITE
Hahtspots
Nancy Chen ’13, Psychology
A website-map to find and review common rooms, cafes, ping-pong tables, etc. on campus

WEBSITE
Harvard Blocking
Susie Elizabeth Double ’14
Making the blocking process easier.

WEBSITE
Harvard Bouldering Wall
Jason Stephen Wien ’13, Physics; Nicholas Bruce Waldo ’13, Engineering Sciences
A website for the Harvard Bouldering Wall

WEBSITE
Harvard Bubble
Xiaoxiao Wu ’14, Economics
Online harvard community

WEBSITE
Harvard Bulletin Board
Kuba Dolecki ’11, Chemistry
Website for uploading posters on campus

WEBSITE
Harvard Cancer Society Website
Christopher Ding ’12, Biomedical Engineering
A website for the Harvard Cancer Society

WEBSITE
Harvard CHANCE
Kristen Logan ’12, Government; Marcin Kostecki ’14
A website for PBHA’s Harvard CHANCE -- a free SAT tutoring and college application advising program for students at Cambridge Rindge and Latin School.

WEBSITE
Harvard College Helping Heroes
Christian Yoo ’13, Physics
A website for collaborating on public service projects with wounded military veterans.

WEBSITE
Harvard College Helping Heroes Website
Tyrell Dixon ’13, Government
My project will be used as the website for the Harvard College Poetry Society.

WEBSITE
Harvard Concentrations
Nikki Iacopetti ’14
Navigate and get the truth about Harvard’s concentrations

WEBSITE
Harvard Consensus
Andrew Robert Spielvogel ’13, Engineering Sciences; Daniel Mark Claridge ’13, VES
Polling Website

WEBSITE
Harvard Crush!
Aurelian Nicolae ’12, Engineering Sciences; Srinidhi Reddy ’11, Engineering Sciences
Stop Loving in Silence! Tell US and we’ll tell THEM!

WEBSITE
Harvard Dance Rehearsal Scheduler
Jenny Zhang ’14
Schedule rehearsals. Alert and remind your dancers automatically.

ANDROID APP
Harvard DiningInfo App
Kyle Solan ’14, Computer Science
Finally, an Android app for the dining halls at Harvard!

WEBSITE
Harvard Extension Degree Planner
Melanie Pinola
Create a plan of study for your Harvard Extension School Degree

WEBSITE
Harvard Fishing
Flavia Medina da Cunha ’13, Economics
A website for selling and buying students’ belongings on campus

SMS APP, WEBSITE
Harvard Food
Karti Mital ’13, Applied Mathematics
An SMS app that tells you what food places are open late night.

WEBSITE
Harvard FTW
Damian Pietrus ’14
Harvard FTW. A place to spread a little awesomeness.

IOS APP
Harvard Gazette
Johnathon Hilbrich Davis ’14
A handy iphone app to read the Gazette on the go.

WEBSITE
Harvard Gives Back
Jenny Ye ’13, Computer Science
A Guide to Public Service at Harvard

MASHUP, WEBSITE
Harvard Global Focus
Gili Vidan ’13, Social Studies
A map visualizing events on campus, according to their country/region of interest.

WEBSITE
Harvard Health Policy Review Online
Amy Yin ‘13, Computer Science
Harvard Health Policy Review is ONLINE!
WEBSITE

Harvard Help!
George Pocheptsov ’14, Computer Science; Taylor Andrew Cressler ’14
A way to get course-specific help from your peers!
FACEBOOK APP, WEBSITE

Harvard Hookups
Jeanine Marie Sinanan-Singh ’13, Computer Science
Your hook up to search and connect with single Harvard students
WEBSITE

Harvard Intramural Sports Webstie
Ricky Liu ’13, East Asian Studies
A website for all Harvard intramural athletes and fans to check IM schedules, scores, and rankings for their favorite houses!
IOS APP

Harvard Libraries
Kyla Adler ’13, Applied Mathematics
An iPhone App to help you find the perfect library
IOS APP

Harvard Lost & Found
Jennifer Tao ’11, Psychology
A virtual drawer of lost and found items at Harvard
WEBSITE

Harvard Lost ‘N Found
Patricia Levi ’12, Earth and Planetary Sciences
Collaborate with the Harvard community to find your lost stuff!
WEBSITE

Harvard Lost and Found
Joshua Lee ’14, Applied Mathematics; Mona Huang ’14
Lost and Found website for Harvard
WEBSITE

Harvard LoveMyLife
Alex Martin Mcleese ’12, History; Jun Olivier Porte ’11, Government
A website where you can share positive vibes.
FACEBOOK APP, WEBSITE

Harvard Meal Mate
Cameron Panno ’14
A website for finding friends at meals.
WEBSITE

Harvard Meal Plan
Will Cynric Boning ’13, Applied Math; Carolyn Stein ’13, Applied Mathematics
Connect up with your friends to eat together!
WEBSITE

Harvard Men’s Club Basketball Website
Stephen Eunkyu Lee ’13, Biomedical Engineering
A tool to keep fans and players in touch and up to date with news, schedules, and stats.
SMS APP, WEBSITE

The Harvard Munchies
Scott Kim ’14, Engineering Sciences
Find what food places are open right now!
WEBSITE

Harvard Nom.com
Jimmy Bohnslav ’13, Psychology
A website for rating all of HUDS’ meals!
WEBSITE

Harvard Noteshare
Perry Aaron Green ’14
A website for sharing scanned or typed notes
WEBSITE

Harvard Party HQ
Denver Ogaro ’14, Computer Science
Find upcoming parties on campus
WEBSITE

Harvard Post_Secret
Melanie Naranjo ’13, History and Literature
Post it if you dare....
WEBSITE

Harvard Prefrosh
Trisha R Paul ’13, Computer Science; Lizzy Meller ’13, Physics
A website for recently admitted Harvard students.
WEBSITE

The Harvard Quote Wall
Nolan Alan Pollock ’13, Chemistry and Physics
A website to log the funny things people say around campus.
WEBSITE

Harvard Rooms
Kidus Tibebu Asfaw ’13, Engineering Sciences; Kevin James Chin ’13, Economics
Your room catalog: check out rooms and rate yours too!
WEBSITE

Harvard Secrets
Nicole Morreale ’13, English
An anonymous submission honesty box about Harvard.
WEBSITE

Harvard Square Study Locations
Danielle Kolin ’12, Applied Mathematics
Find out which Harvard Square study locations are open!
WEBSITE

Harvard Student Planning Tool
Xin Xiang ’13, Psychology
A website that allows students to do course planning (including preterm planning and study plan) conveniently
WEBSITE

Harvard Study Buddy
Jeff Atwood ’13, Chemistry; Ryan Christopher Hellar ’13, Engineering Sciences
allow students in the same class to communicate with each other
WEBSITE

Harvard Study Buddy
John Lee ’12, Economics; Melody Wu ’13, Neurobiology
A website that makes studying less painful
WEBSITE

Harvard Study Groups
Justin Pereira ’13, Human Evolutionary Biology
A website that allows students to initiate and search for study groups with their peers.
WEBSITE

Harvard StudySpaces
Kristen Brooke Hunter ’12, Statistics
When you need to find a place to study, go to Harvard StudySpaces
WEBSITE
Harvard SW website
Pim Valantagul ’13, Applied Mathematics
Harvard SW website

WEBSITE
Harvard TaxiCab
Laila Kasuri ’13, Engineering Sciences
A website to help find partners to share a taxi with

WEBSITE
Harvard top 10
Patrick Thornycroft ’12, Engineering Sciences
Create top 10 lists of things at Harvard.

WEBSITE
Harvard Undergrad Thesis Connect
Jen Levye ’11, Organismic and Evolutionary Biology
A resource for Harvard senior thesis writers.

WEBSITE
Harvard Would You Rather
Janice Zhang ’14, Computer Science
An online poll version of would you rather.

WEBSITE
Harvard Abroad
Ibrahim Akhtar Khan ’14, Applied Mathematics
Delve into the real world. Crimson style.

WEBSITE
Harvardbeat ((( )))
Vanessa B. Koo ’12, Neurobiology
Tracking Harvard trends

WEBSITE
HarvardChan
Michael Lawrence Veino ’13, Applied Mathematics
An imageboard for the Harvard community to anonymously communicate

WEBSITE
HARVARDDelivery
Allen Joseph MacLeod ’14, East Asian Studies
HARVARDDelivery is a website that allows users to determine what restaurants are delivering at the moment of site access and whether or not those restaurants will deliver to the yard, the gates of the yard, or upperclassman houses.

WEBSITE
HarvardFrosh
Lee Cap Seligman ’13, Applied Mathematics; David Zhao ’13, Applied Mathematics
An introduction to the Harvard Campus.

WEBSITE
HarvardGroups
Amy Friedman ’14
A website that provides a searchable database of Harvard Groups and some reviews of Harvard comps.

WEBSITE
HarvardGroups
Michelle Yimeng Luo ’14
A website for browsing clubs and organizations on campus.

WEBSITE
HarvardMingle
Alice Xiang ’13, Applied Mathematics; Justine Cheng ’13, Biomedical Engineering
Chat Roulette, Harvard-style

WEBSITE
HarvardNow
Paul Bowden ’13, Neurobiology
A website for searching for events around Harvard.

WEBSITE
Harvard Party Chat
Heath MacLean ’14
A website to randomly video chat people at harvard.

WEBSITE
HarvardPerformances
Shayna Robin Marie Skal ’13, Physics
Find what’s on a stage (very) near you!

WEBSITE
Harvard Plan of Study
Liyun Jin ’12, Statistics
A website for planning your course of study in a chosen concentration.

TOOL, WEBSITE
HarvardResearch
Will Sun ’13, Social Studies; Peter Zhang ’13, Mathematics
A website for exploring Harvard’s undergraduate research opportunities.

WEBSITE
HarvardRooms
Lexi Ross ’13, Psychology; Max Sabor ’13, Mathematics; Blake Anthony Collins ’13, Classics
Reserve spaces on campus!

WEBSITE
HarvardSIG
Louis Scaffidi, Computer Science
HarvardSIG is a website where the Harvard community can gather around a central unifying purpose, mission, background or activity that has no official club

WEBSITE
HarvardTalks
Sean Weinz Pohorence ’13, Applied Mathematics
A simple way to stay up to date on campus news.

TOOL, WEBSITE
HarvardTour
Ye Zhao ’13, Physics
A virtual tour simulation around Harvard campus

WEBSITE
HarvardTXts.com
Elizabeth Tang ’11, Economics; Elizabeth Tang ’11, Economics
Inspired by TextsFromLastNight.com

WEBSITE
HarvardVoices
Kuri Zeng ’14, Computer Science
A website for students to make suggestions to Harvard so as to make it a better place!

WEBSITE
HarvardWears
Eric Choi ’13, Molecular and Cellular Biology
A website for keeping and sharing electronic wardrobes!

WEBSITE
HarvardYardSale
Pavel Shcherban ’13, Computer Science
A website for students to sell and buy their things.

SMS APP
Harvbus Text Service
Dave Ahlborn ’11, Neurobiology
A texting service which tells you how far away the shuttle is from you.

WEBSITE
HBAC: Harvard Black Alumni Connect
Sarah Anoke ’11, Chemistry
A website for recent alumni of the Black Students Association to keep in contact.

WEBSITE
Holre
Figure 2: Fields in which CS concentrators since 1984 can now be found.

Yasha Stephen Iravantchi ’13, Engineering Sciences; Chris Weber ’13, Economics; Newbie Jones Neff ’13, Biomedical Engineering
Get an edge on the night. Find out what’s going on.

WEBSITE
House Swaps
Jinyan Zang ’13, Economics
House Swaps helps homeowners who need to move around the country immediately others in similar situations to temporarily swap houses to save money on housing expenses in their new city.

WEBSITE
How Many Nessons?
Jenny Xiaojia Zhang
A website that allows students to rate Harvard Law School professors.

WEBSITE
HPAIR
Jimmy Sun ’14
A control panel site for HPAIR

WEBSITE
HRSFA
Audrey Bennett ’12, Social Studies
A website for the Harvard-Radcliffe Science Fiction Association.

WEBSITE
HSHS Resource Guide Online
Anna Chithelen ’13, Social Studies
A website outlining some resources for homeless in the Boston area.

WEBSITE
http://handmadebyleighllc.us
Cameron Ray Anaya ’11, Applied Mathematics
A website for selling my Grandmother’s hand made greeting cards.

WEBSITE
HUDSL Daily Menu
Julia Leigh Ryan ’13, English
Presents the HUDSL menu in a user-friendly way, and allows users to filter out items according to vegetarian, vegan, or organic eating preferences.

SMS APP, TOOL, WEBSITE
HUDSL Hub
Sti Mason ’13, Engineering Sciences; Emi Zumbro ’13, Engineering Sciences
Know what’s being served in the dining hall.

WEBSITE
HUDSL UP!
Marika Zumbro ’12, Psychology; Megan Elizabeth Fazio ’13, Engineering Sciences
Lets you know when your favorite foods are in the dining hall!

FACEBOOK APP, WEBSITE
HUHDS Food Review
Christian Andrew Rivera ’13, Music; Weishen Mead ’13, Computer Science
A website for reviewing Harvard food to give HUHDS more feedback.

WEBSITE
HUHDS PlateRater
Jason Lim ’11, Philosophy
Rate dining hall food!

WEBSITE
Hungry at Harvard
Vidya Viswanathan ’11, Social Studies
A website to find free food on campus!

HungryHarvard
Elizabeth Samantha Dunkel ’14; Julia Kim Hirata ’14
A website for finding local eateries in Cambridge area that users can rate and write about

HUNICEF Website
Imane Karroumi ’14, Engineering Sciences
A website for Harvard UNICEF

HWSD Study Portal
Katy Hinkle ’11, Economics
Access to study guides and academic advice for members of the women’s swim team.

Hype Sense
Andrew Russell, Computer Science
A website that utilizes an algorithm to collect and analyze the various moods in relation to certain keywords and topics.

Idea Bank
Brandon James Hopkins ’11, Engineering Sciences
Collect and discuss random ideas!

ImWhosCooking.com
Alexander Meletakos ’13, Engineering Sciences
A website that helps foodies find recipes and locate nearby specialty stores to buy ingredients.

ineedhelp
Scott Kaneshiro ’12, Astrophysics
A website for those with academic troubles, which provides users with a variety of features such as creating and formatting a cheatsheet via drag and drop.

InfoMachine
Casey Nathaniel Grun ’14, Biomedical Engineering
A tool for recording and managing important information

Insider Science: Opening Doors for the Next Generation
Shwinn Ricci ’13, Chemistry; David Kimemia Mbau ’13, Economics
This is the website of a company that seeks to connect high school students to exciting research opportunities around the country.

IOp Director Internship Application
Martin Aaron Evelyn ’13, Social Studies
A common application for the IOP Director’s Internship Program

isiSMS
Spencer Jay Horne ’14, Engineering Sciences
Translate any phrase instantly by sms!

IvyPredictor
Viroopa Volla ’14
A website that gives salaries of common concentrations.

Japaneasy
Colm Dubhrosa ’13, Neurobiology
A japanese language learning tool

KulEvent.com
Bethania Bacigalupe ’13, Mathematics
A website to Search, Find, Manage, and Promote Boston’s Best Yoga and Wellness Events, Workshops, Trainings, Retreats, and Classes

Lamont Book Share
Natalie Claire Heer ’12, Molecular and Cellular Biology
A website to connect people needing the same reserve book from Lamont

Language Conversion
Jelle S. Zijlstra ’13, Organismic and Evolutionary Biology
A program that processes a few languages invented by the author.

Latitud Zero
max Evans ’13, Economics
Ecuadorian Flower Auctioning website

LazyDate
Todd Sheerin ’12, Physics
Welcome to LazyDate. Planning your next date just got easier.

Learning Games
Dan Boothman Bradley ’14
A site where the user can play connect four and tic-tac-toe against a computer that learns how to play with experience.

Let’s Go Harvard
Carl Daher ’13, Engineering Sciences
What’s going on this weekend?

Let’s See a Show
Daniel Vail Clark ’12, Applied Mathematics
Find new friends with which to go see performances.

Li ZHU’s homepage
Li Zhu ’4
A website for Li ZHU

License to Heal
Abby Schiff ’11, Molecular and Cellular Biology
An interactive website for public health advocates and practitioners to learn more about how medicines are patented globally.

Life’s a Bet
Meylakh Barshay ’13, Computer Science
Finally, a new way to waste time betting on how your other friends are living their lives.

Linear Algebra In Computer Science
Arash Alidoust ’13, Mathematics; Ben Michael Edwin Adlam ’13, Mathematics
An applet that performs fundamental linear algebra calculations for larger data sets.

Linked Lists
Arjun Ajay Mody ’14, Computer Science; Kevin Jerry Zhang ’14; Andrew Wang ’14
A website to connect you with others who share your interests and activities.

Listening To (Facebook Application)
Jesse Wong ’12, Music
Share what you are listening to and compare songs with friends.

Loeb Experimental Theater Ticketing Website
Jessica Anderson-Nelson ’13, Social
Studies
Reserve tickets to Harvard shows in the Ex.

WEBSITE
Lost & Found Harvard
Dee Charlemagne '11, Psychology; Shereen Asmat '12, Applied Mathematics
The source for posting lost and found items around campus

WEBSITE
Lost & Found Harvard
Kasey Paige Uhlenhuth '14, Computer Science
A website for posting lost items you found on campus and for searching if your lost stuff has been found (and where you can pick it up).

GAME, WEBSITE
Mafia: The Game
Chadwick Eason '13, Engineering Sciences (SB); Wes Mann '13, Statistics
Play Mafia with your friends online!

WEBSITE
Making a website compatible with modern browsers
Heather Virginia Hawkes '13, Engineering Sciences
Taking a website with outdated code and making function on different browsers and operating systems

WEBSITE
MANHUNT
Phil Choi '14
Create or find your own Manhunt group!

WEBSITE
Marauder’s Map
Dominik Nieszporowski '12, Applied Mathematics
Track down your friends!

WEBSITE
Mather Room Reservation System
Jeremy Hsu '11, Organismic and Evolutionary Biology
Online tool for reserving rooms in Mather House

WEBSITE
MealMatch
Amy Wang '12, Economics
Match people for meals based on location and time

MAC OS APP, WEBSITE
Melody
Nikhil Mulani '14, Classics
Create a beautiful timeline of your musical taste!

SMS APP, WEBSITE
Menu Mate
Saagar Deshpande ’14; Calvin Chin ’14
Access the HUHDS menu with an elegant website and an SMS app!

GAME
Meowser’s Game
Emily Xinyi Zhang ’13, Social Studies; Michelle Ran ’13, Applied Mathematics
Flash game using ActionScript 3.0 that is a top-down multi-level avoider and shooter Flash game with RPG elements

IOS APP
Metro Alarm
Matt Yarri ’14, Engineering Sciences
An app to keep you from sleeping through your railroad stop.

WEBSITE
Microfinance Fiji West: Interface
Chase Hu ’12, Applied Mathematics
A user interface for employees of Microfinance Fiji West to run queries on a database of records.

ANDROID APP, WEBSITE
MobileStudio
Andy Harris ’14
An Android app that allows you to perform simple video editing, then lets you share videos with your friends.
A user-mediated discussion platform that controls for the political biases of the users.

**WEBSITE**

**mobjects**
David Palmer ’14
Find other people to collaborate with you.

**TOOL, VISUALIZATION, WEBSITE**

**Modeling Tumorigenesis**
sana Raoof ’12, Chemistry and Physics
A program of a cell replicating mitochondrial DNA, undergoing cell division, and mutating. When does cancer grow?

**TOOL, VISUALIZATION, WEBSITE**

**Morginze**
James Douglas Groeneveld ’13, Biomedical Engineering
A messaging system that sorts all messages into provided networks and sub-networks

**WEBSITE**

**mRNA Deep Sequencing Analyzer**
Lynn Yi ’11, Physics
From raw mRNA sequences to aligned and ready-to-visualize data!

**MASHUP, WEBSITE**

**My Google maps**
Tony Chew, Computer Science
A website to create a personalized Google map.

**SMS APP, WEBSITE**

**My Life is Harvard**
Rina Louise Perrault ’13, Neurobiology
A website to post your funny experiences that were too Harvard to keep to yourself.

**WEBSITE**

**Native Americans at Harvard College Website**
Tommy Miller ’11, Government
A new website for the student group Native Americans at Harvard College

**WEBSITE**

**Nawili**
Molly Yang ’13, Economics
A website for social enterprises to obtain start-up funding.

**TOOL, WEBSITE**

**Net Xtal**
Nick Bodnar ’11, Chemical and Physical Biology
An online interactive macromolecular crystallization database.

**WEBSITE**

**NewCamelot- DC’s first Solution Engine**
Patrick Campbell
Allows four people on different computers to play the card game spades over the internet.

**WEBSITE**

**Opportunes Sheet Music Database**
Penelope Smith ’11, Psychology
An online database where the Opportunes can easily access all of our sheet music.

**MAC OS APP, SMS APP, WINDOWS APP**

**Order-at-the-Grille**
Kennedy Mukuna Opala ’12, Mathematics
An easy way to order at the House Grilles and get notifications when the order is ready

**WEBSITE**

**Other Campus**
Vinay Atul Trivedi ’13, Computer Science; Winston Spencer Waters ’13, Applied Mathematics
A website for connecting students across colleges during summer explorations

**GAME**

**Pacman!**
Madalina Persu ’13, Mathematics & Computer Science
Aim to eat not to be eaten.

**WEBSITE**

**pARTake**
Vanessa Tan ’14; Joseph Ong ’14, Computer Science
A website and media player for musical groups and artists at Harvard to communicate, collaborate, and showcase their creations.

**WEBSITE**

**PartyHardVard**
Colby Wilkason ’13, Near Eastern Languages and Civilizations; Josh Hicks ’13, Government
A website for finding parties on campus

**WEBSITE**

**PartyHARVard.com**
Manny I. Fox Morone ’14, Engineering Sciences
A website for finding parties on campus

**WEBSITE**

**PBHA Match.com**
Jared Alexander Sawyer ’14
A website for matching students to service programs at PBHA.

**TOOL, WEBSITE**

**PencilMeIn.org**
Jeremy Patashnik ’12, Economics
A website for efficiently scheduling student meetings.

**TOOL**

**phase_shift**
Ken Hammond '12, Physics
A macro for running a simulation program multiple times on one command.

**TOOL, WEBSITE**

**Pimp My Stats**
David Ma ’13, Applied Mathematics
Compare up to four basketball players using graphs and charts!

**WEBSITE**

**PinPointU.net**
Antonio Sweet ’13, Engineering Sciences
An interactive floor plan database with invitation function

**FACEBOOK APP, SMS APP, WEBSITE**

**Play Assassin**
Jason Charles Hirschhorn ’14
The simplest and most fun way to play assassin with your friends!

**WEBSITE**

**Political GPS**
Jules Gari ’13, Statistics
Discover where you fall on the political spectrum!

**WEBSITE**

**PostGrad**
Hank Y an ’11, Physics
A website that asks, “Where will you be taking your talents?”

**WEBSITE**

**Press-to e-card**
Keith Supko
Let visitors to your website’s image gallery send e-cards from their favorite images

**WEBSITE**

**ProjectScout**
Roger Hu ’12, Applied Mathematics
A website for people who want to find a project.

**MASHUP, TOOL, WEBSITE**

**PubMed Map**
John Liu ’11, Chemical and Physical Biology
Searches through PubMed and geocodes the most recent publications by location

**TOOL, WEBSITE**

**Puente Hills Nissan**
Chelsea Yeh ’14
Schedule an appointment with Puente Hills Nissan!

**LINUX APP, TOOL**

**pyProver**
Stephanie Dick G-3, Department of the History of Science
A software library that augments the Python Interpreter into an environment for propositional logic.

**TOOL, WEBSITE**

**Quick Callbacks Scrutineer**
Sam Singer ’13, Sociology
A Website designed for automated electronic scrutineering at ballroom dance competitions.

**WEBSITE**

**Quincy House IM Sports Website**
Stephen Leonard Rola ’11, Anthropology; Christian Davis Wood ’11, History
A new, efficient, and easy way to participate in intramural sports for Quincy House.

**WEBSITE**

**Quit Smoking Now!**
Nima Khavanin ’12, Chemical and Physical Biology
See how much the American life expectancy would increase by if we committed to quitting.

**WEBSITE**

**The Quotebook**
Rafic Melhem ’14
A website for sharing quotes between friends.

**WEBSITE**

**The R Guide**
Sam Galler ’12, East Asian Studies
A peer-rating website for extra-curricular groups on campus!

**WEBSITE**

**Rate my HUDS**
Ankur Neil Agrawal ’11, Neurobiology
Rate individual HUDS menu items on a 1-10 scale

**WEBSITE**

**Research Aid, an online file storage and search helper**
Misha Harrison Herscu ’13
Research Aid is a site where people can upload files they want to read and then read them anywhere, it also has other helpful functions.

**WEBSITE**

**Room Reserve**
Jose Luis Castillo ’13, Economics
An electronic way to reserve common spaces from the comfort of your bed.

**TOOL, WEBSITE**

**Rule #1 Stock Screener**
Victor Wong ’11, Sociology
A webtool for screening value stocks!

**WEBSITE**

**Run 2 The Square**
Peter Andrew Boyce II ’12, Applied Mathematics
A site for organizing efficient and safe trips to Harvard Square and Beyond

**WEBSITE**

**SaferTaxi**
Natalie Sandman ’12, Applied Mathematics
A blackberry application for rating and receiving instant feedback about taxis.

**WEBSITE**

**Save Money Around Harvard (SMAH)**
Luke Yarabe ’13, Social Studies
A website for organizing local deals and weekly ads on or around Harvard campus!

**WEBSITE**

**Scanworks Integrated Management System**
Shawn Low ’11, Molecular and Cellular Biology
All-in-one database system for a student-run photoscanning business at the Horace Mann School for the Deaf

**WEBSITE**

**Scene Surf**
Matt Jacobson ’14; Ryan Wade Sandler ’14
The best way to find out about parties in college towns.

**WEBSITE**

**Scheduel**
Julia Mitelman ’13, Psychology
Simplify scheduling with a site that compiles your friends’ Google Calendars to show mutual availability!
See Shakespeare
Alexander Sergei Arzoumanov ’11, Government
Searching Texts, Logically and Visually.

Android App, Website
See What’s Free
John Emmert Beatty ’11, Economics
An app for finding free stuff nearby.

Website
SeqAlign
Helen Yang ’11, Molecular and Cellular Biology
A website to display aligned DNA chromatograms

Tool, Website
shareHarvard
Daniel Charles Norris ’12, Applied Mathematics
A website for sharing and borrowing things.

Tool, Website
“Shareport” Plugins and Website for Refinery CMS
Nina Karhankova
Development of custom plugins (engines) and theme for shared content for a Refinery CMS website.

Website
Shouldn’t Have Eaten | Regret. Share. Repeat.
Shervin Tabrizi ’11, Chemical and Physical Biology; Lingbo Li ’11, Anthropology
Share your calorie regrets!

Website
Shuttle Runner
Christopher Pietrzak ’11, English
Find the next shuttle on campus, and consider if it’s worth walking instead.

Website
Sightlist: The Local Network
Sumit Malik ’13, Applied Mathematics
Share sightings and commentary within your own community, be it your middle school or your intercollegiate service organization.

SMS App
SMS-Based Monitoring of Education
Tara Suri ’13, Social Studies
A prototype of an SMS-Based tool to transparently monitor education in Indian government schools through teacher reporting.

Website
Society of Arab Students Website
Annissa Thamir Alusi ’12, Engineering Sciences
A website for recruiting high school students from the Arab world!

Website
Solatida
Paul Stavropoulos ’13, Economics
Creating a network of friends to share and stream your new tracks and favorite songs.

Tool, Visualization
Sound Visualization
Carolyn Kim ’13, Mathematics & Computer Science
A visualization of music.

Website
Source Snippets
Svetlana Gabdrakhimova, Computer Science
A website for storing snippets of source code.

Website

www.sheilachristine.com
916.768.7264 | sheilachristine@post.harvard.edu

Sheila Christine Lee
event coordination & planning services
Sportin’ Scarves
Laurent Rivard ’14
A website for a scarf company called Sportin’ Scarves
TOOL, WEBSITE

Square Eats
Edirin Elaine Sido ’14, Engineering Sciences
A website for finding where you can get a specific food on campus, or get food at a specific time.
WEBSITE

Squash Reservations
Vidya Rajan ’13, Statistics
A website for managing squash court reservations
WEBSITE

STAHR
Kristin Barclay ’14
A new website for the Student Astronomers at Harvard-Radcliffe.
WEBSITE

Steal This Tag
Danny Piccirillo
Post and vote on graffiti.
GAME, IOS APP

Stellar Mahjong
Ted McCabe
Stellar Mahjong, for the puzzler within!
MASHUP, TOOL, WEBSITE

The Strain Exchange
Philip Simon, Mathematics
Analytics, indices, data visualization for the strain exchange.
MASHUP, TOOL, WEBSITE

Structural Geology Calculator
Anika Rose Petach ’13, Earth and Planetary Sciences
This program generates elevation profiles of surface topography as tests user defined subsurface geology.
WEBSITE

Student Organizations Database
Brooke Griffin ’14, History of Art and Architecture
An interactive database of all the Harvard student organizations.
TOOL

Student-Athlete Profile Customizer
Tom Nesel ’12, Engineering Sciences
Customize your information on your roster!
TOOL, WEBSITE

Study Buddy
Ming Yu Cheung ’13, Psychology; Eliezer Aaron Zimble ’13, Applied Mathematics; Tri Vo Huynh ’13, Engineering Sciences
A website that connects students with compatible study partners
TOOL, WEBSITE

Study Pool Underground
Eva Sadej ’12, Economics
A website for research subject coordination for undergraduate research.
SMS APP, WEBSITE

Supply Tracker
Emily Chan
A tool for an organization’s supplies needs
TOOL, WEBSITE

Swap University
Mark Broadwater ’11, Engineering Sciences
A web site to facilitate the swapping of stuff between students
WEBSITE

Sweetly Fair Trade Jewelry Cooperative
Emily Cunningham ’13, Economics
Make the world more beautiful by allowing rural Indian women access to the global market!
IOS APP, TOOL

Swimming App
Travis Arthur Downs ’14
An iPhone app full of useful tools for swimmers.
WEBSITE

Take the T
R.J. Aquino ’14, Computer Science; Bo Ning Han ’14
A website for monitoring the T.
WEBSITE

Tangle
Katherine Xue ’13, Chemical and Physical Biology; Seunghoo Kim ’13, Chemical and Physical Biology; Zagreb Mukerjee ’13, Social Studies
A program for visualizing social networks.
WEBSITE

Taybeh Brewing Company Website
Canaan Khoury ’13, Engineering Sciences
A website for a beer company.
GAME, WEBSITE

Telephone Pictionary
Molly Curtis Storer ’11, Economics
A fun web-based game.
SMS APP, WEBSITE

Text2Order
Ainsley Faux ’13, Biomedical Engineering
Order from your house grill by text message.
WEBSITE

Textbook buy/sell
Gye Hyun Baek ’13, Mathematics
A website for used-textbook sales
SMS APP

TextHarvard
Raina Gandhi ’14, Economics
Text me when you’re bored, lonely, or just wondering what’s for dinner.
SMS APP, WINDOWS APP

TextHUDS
Samuel Melton ’13, Mathematics
Text HUDS to find out what’s on the menu for the next meal!
SMS APP

Texting All
Samantha Rachel Go ’11, Environmental Science and Public Policy; Akeel Rangwala ’11, Economics
A website and SMS service that allows you to create listservs for your phone!
WEBSITE

Think Development
Angela Quanling Chen ’12, Physics
Website that lets international development groups share projects and ideas.
WEBSITE

This is Your QuadGrille.com
Maya Shwayder ’11, Psychology
A website for the quad grille -- finally you can order online!
GAME, WEBSITE

Tic Tac Toe
Michael Gage
Play a game of Tic-Tac-Toe online against someone else. Also will keep track of wins/losses/draws and has a leaderboard.
TOOL

Time Series Analysis
VeriBooks
Bing Han ’11, Chemistry
An online textbook marketplace for Harvard students.

the veritalk.
Anna Kelsey ’14; Civry Paige Melvin ’14
Take a short quiz and get sent to a chatroom where you can talk with other Harvard students similar to you.

VeritasTrackAndField.com
Matthew Nicholas Polega ’13, Engineering Sciences
A website that provides dynamic tools and information for Harvard Track and Field coaches, athletes, and fans.

Virtual Bulletin Board
Jack Greenberg ’13, Physics
Script for compiling and visualizing emailed event announcements

Visualization of Literature Sentence Structure
Azalea Vo ’13, Mathematics
Uses sentence length to create a visual representation of literature.

Voronoid
Adam Scherlis
Maximize your territory in this colorful multiplayer puzzle game!

VoxHealth
Megan Blewett ’11, Chemistry
A website for crowdsourcing medical diagnosis

Weather Vain
Ruirui Kuang ’12, History
Take the weather with you wherever you go!

WeatherText
Benjamin M. Hsu ’13, Statistics
A texting service to check the weather for non-smartphone users.

WebAdvisor
Phil Heller, Computer Science
A web application to make curriculum planning fun and easy!

VeriBooks
Bing Han ’11, Chemistry
An online textbook marketplace for Harvard students.

the veritalk.
Anna Kelsey ’14; Civry Paige Melvin ’14
Take a short quiz and get sent to a chatroom where you can talk with other Harvard students similar to you.

VeritasTrackAndField.com
Matthew Nicholas Polega ’13, Engineering Sciences
A website that provides dynamic tools and information for Harvard Track and Field coaches, athletes, and fans.

Virtual Bulletin Board
Jack Greenberg ’13, Physics
Script for compiling and visualizing emailed event announcements

Visualization of Literature Sentence Structure
Azalea Vo ’13, Mathematics
Uses sentence length to create a visual representation of literature.

Voronoid
Adam Scherlis
Maximize your territory in this colorful multiplayer puzzle game!

VoxHealth
Megan Blewett ’11, Chemistry
A website for crowdsourcing medical diagnosis

Weather Vain
Ruirui Kuang ’12, History
Take the weather with you wherever you go!

WeatherText
Benjamin M. Hsu ’13, Statistics
A texting service to check the weather for non-smartphone users.

WebAdvisor
Phil Heller, Computer Science
A web application to make curriculum planning fun and easy!
GAME, LINUX APP
WiFi Controlled Car
Shawn Thomas Dooley
A toy car that communicates via wireless internet instead of radio signals.

WINDOWS APP
Windows Toolkit
Nathaniel Varney, Computer Science
Program that allows easy system maintenance

WEBSITE
Wink-Linked
Matt Dewey ’11, Economics; Jordan Ross Milan ’11, Economics; Max Storto ’11, Environmental Science and Public Policy
An anonymous dating website for Harvard students

GAME, WEBSITE
Winthropy!
Beau Maguire Feeny ’13, History
Bringing old tech to old Houses

IOS APP
Wokit
Jodee Allen
An iPhone application to assess the nutritional value of foods when added to a Wok meal.

WEBSITE
The Word at Harvard
Laura Claire Guggenheimer ’13, Social Studies
Hear the funny quips, texts, and slips on campus!

WEBSITE
WordBird
Ben Woo ’13, Music
A metadictionary webpage

WEBSITE
WordCounter
Chip Rubino ’12, English
A website that counts how many times a file uses words

TOOL
Words, by coincidences
Dan Fudenberg ’11, Physics
An interactive word map to explore words commonly found together in sentences.

WEBSITE
Workout Buddy
Hemali Thakkar ’11, Special Concentrations
Helps you find the best workout buddy for you!

WEBSITE
Xchange-U
Joyce Chin; Yifan Wu ’14, Social Studies; Julie Zhang ’14, Applied Mathematics
Matchmaker - for classes & trips.

TOOL, VISUALIZATION, WEBSITE
Xiaojin's page
Xiaojin Xu ’3
A website to display myself

WEBSITE
Your Face on Math
Spencer Lane de Mars ’13, Applied Mathematics
Use your webcam and watch your face morph into cool distortions!

TOOL, WEBSITE
Yummy HUDS Food
Julia Hu ’13, Social Studies
A website that offers tips and recipes to improve HUDS dining hall food
What is CS?

We like to say that CS teaches you how to think more methodically and how to solve problems more effectively. As such, its lessons are applicable well beyond the boundaries of CS itself.

But CS is also, more generally, the study of information. How do you represent it? With what methods (aka algorithms) can you process it?

Perhaps the most liberal answer, though, is that CS “has no exclusive domain of its own, and that its importance comes from the problems to which it is applied.” And therein lies the excitement. CS empowers you with tools and ideas that can be applied to practically any domain of interest to you, both in college and beyond.

What is CS not?

Contrary to popular belief, CS is not really about programming, even though you do learn how to program. Programming languages are tools that Computer Scientists use or create in order to solve problems of interest to them.

How do I minor in CS?

Take any four courses numbered 50 or higher. See the next page for popular choices.

How do I concentrate in CS?

Take at least two of CS50, CS51, and CS61; take CS121 and another “theory” course; take four technical electives; and take Math 21a and 21b.

Can I switch from my current concentration to CS?

Yes, so long as you still have time to satisfy the requirements. Even David J. Malan ’99, who teaches CS50, didn’t take his first CS course until sophomore year, when he switched from Government to CS.

Does CS require a thesis?

No, not for non-Honors or Honors, but for High Honors and Highest Honors, it’s ordinarily expected.

Is a thesis just a big program?

Nope, a thesis is a research paper. You might end up writing one or more programs in order to evaluate your ideas, but those programs are ordinarily means to an end, not an end in themselves.

Is CS part of the Mind, Brain, and Behavior Program?

Yes.

Do any CS courses count for Gen Ed?

Yes. To satisfy Empirical and Mathematical Reasoning, you can take CS1, CS50, CS171, or QR48. To satisfy Culture and Belief, you can take CS105. (Note that CS1 and QR48 do not count toward a primary or secondary in CS.)

Should I concentrate or minor in CS even if I don’t want to be a programmer?

Yes! CS concentrators head off in all sorts of directions after graduation. See Figure 1 for titles that alumni since 1984 now hold. See Figure 2 for fields in which alumni since 1984 can now be found.

How do I graduate with Honors in CS?

Take six technical electives instead of four and have a concentration GPA in the top half of your class.
What courses should I take if I want to minor in CS?

It's up to you, but here are some popular choices. Graduate-level (200-level) courses are also allowed!

Popular among “those less comfortable”
- CS 50: Introduction to Computer Science I
- CS 105: Privacy and Technology
- CS 171: Visualization
- CS 179: Design of Usable Interactive Systems

Popular among “those more comfortable”
- CS 51: Introduction to Computer Science II
- CS 61: Systems Programming and Machine Organization
- CS 121: Introduction to Formal Systems and Computation
- CS 161: Operating Systems

Popular among students interested in finance
- CS 50: Introduction to Computer Science I
- CS 51: Introduction to Computer Science II
- CS 181: Intelligent Machines: Perception, Learning, and Uncertainty
- CS 182: Intelligent Machines: Reasoning, Actions, and Plans

Popular among students interested in life sciences
- CS 50: Introduction to Computer Science I
- CS 51: Introduction to Computer Science II
- CS 124: Data Structures and Algorithms
- CS 171: Visualization

Popular among students interested in math
- CS 50: Introduction to Computer Science I
- CS 51: Introduction to Computer Science II
- CS 121: Introduction to Formal Systems and Computation
- CS 124: Data Structures and Algorithms

Popular among students who want to manage technical projects
- CS 50: Introduction to Computer Science I
- CS 105: Privacy and Technology

Popular among students interested in solving problems efficiently
- CS 50: Introduction to Computer Science I
- CS 51: Introduction to Computer Science II
- CS 121: Introduction to Formal Systems and Computation
- CS 124: Data Structures and Algorithms

Popular among students interested in hardware
- CS 50: Introduction to Computer Science I
- CS 61: Systems Programming and Machine Organization
- CS 141: Computing Hardware
- CS 148: Design of VLSI Circuits and Systems

Popular among students interested in programming languages
- CS 51: Introduction to Computer Science II
- CS 61: Systems Programming and Machine Organization
- CS 152: Programming Languages
- CS 153: Compilers

Popular among students interested in networks
- CS 50: Introduction to Computer Science I
- CS 51: Introduction to Computer Science II
- CS 143: Computer Networks
- CS 144r: Networks Design Projects

Popular among students interested in graphics
- CS 50: Introduction to Computer Science I
- CS 51: Introduction to Computer Science II
- CS 171: Visualization
- CS 175: Computer Graphics

Popular among students interested in speech recognition
- CS 50: Introduction to Computer Science I
- CS 51: Introduction to Computer Science II
- CS 182: Intelligent Machines: Reasoning, Actions, and Plans
- CS 187: Computational Linguistics
the staff

Instructor
David J. Malan ’99

Head Teaching Fellows
Cansu Aydede ’11, Yuhki Yamashita ’11

Ahmed Belal ’12, Alex Chang ’10, Alex Hugon ’11, Alex Hristov ’11, Alex Ratner ’11, Alice Chung ’11, Ana Roda ’12, Andrew Sellergren ’08, Ashin Shah ’12, Ben Massenburg ’11, Caitlin Carey ’13, Charles Li ’12, Chris Thayer, Dan Nevius ’11, Dan Armendariz, Dapo Omiwole ’12, Dev Purkayastha ’04, Doug Lloyd ’09, Eason Hahn ’12, Ellen Yan ’11, Ellen Farber ’13, Erfan Soliman ’12, Erica Lin ’10, Evan Greif ’13, Ferris Zhang ’11, Fil Zembowicz ’11, Gabrielle Ehrlich ’13, Glenn Holloway, Idriş Fofana ’11, Jason Kleban ’11, Jeff Solnet ’12, Jeremy Cushman ’12, Jesse Cohen ’10, John Tristan, Jon Gonzales ’13, Jonathan Yip ’12, Josh Bolduc ’11, Kane Hsieh ’12, Katerina Mantzavinou ’11, Katie Fifer ’08, Ken Parreno ’11, Kerry Yang ’11, Konlin Shen ’13, Kyu Bok Lee ’12, Lakshmi Parthasarathy ’12, Lauren Carvalho ’11, Lee Evangelakos ’11, Leonard Kogos ’12, Luis Duarte ’13, Madhura Narawane ’12, Marta Bralic ’12, Matt Chartier ’12, Melissa Niu ’13, Meng Li ’12, Michael Oberst ’12, Michael Chen ’13, Michael Nock ’11, Mike Teodorescu ’11, Mike Tucker ’03, Peter Hung ’12, Preya Shah ’13, Punit Shah ’12, Rei Diaz, Rob Bowden ’13, Robert Nishihara ’13, Rose Cao ’11, Scott Crouch ’13, Sheila Lee ’09, Sophie Chang ’13, Steve Tricanowicz ’13, Thomas Snell ’13, Tian Feng ’11, Tommy MacWilliam ’13, Tomomichi Amano ’12, Wellie Chao ’98, Will Phan ’09, Willie Yao ’13, Yunsoo Kim ’11

sponsors

Many thanks to our sponsors for their support.

Amazon  http://www.amazon.com/
Apple  http://www.apple.com/
Disney Research  http://www.disneyresearch.com/
Endeca  http://www.endeca.com/
Facebook  http://www.facebook.com/
Google  http://www.google.com/
Microsoft  http://www.microsoft.com/
NVIDIA  http://www.nvidia.com/
TipTap  http://www.tiptap.com/

What paths can I follow after CS50?

It’s ultimately up to you, but here are some popular routes. Do consult the Courses of Instruction for official prerequisites.

Amazon  http://www.amazon.com/
Apple  http://www.apple.com/
Disney Research  http://www.disneyresearch.com/
Endeca  http://www.endeca.com/
Facebook  http://www.facebook.com/
Google  http://www.google.com/
Microsoft  http://www.microsoft.com/
NVIDIA  http://www.nvidia.com/
TipTap  http://www.tiptap.com/
Whether you want to further a career in software engineering or explore opportunities in digital media arts, you’ll make connections in our information technology courses.

- Evening and online classes
- Part-time graduate degree program

www.extension.harvard.edu