

tear here



HARVARD
School of Engineering
and Applied Sciences

THE CS 50 FAIR

January 9, 2009 @ Northwest Science Labs.

your raffle ticket

Earn stickers from presenters and earn chances to win the raffle!
(see inside for more details)

Name: _____

E-mail: _____

Phone: _____

PLACE ►
STICKERS
HERE!





this is cs 50.

welcome

Welcome to the CS 50 Fair! CS 50 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 develop your very own piece of software.

On exhibition today are the accomplishments of Fall 2008's 330 students.

This is the CS 50 Fair. This is CS 50.

the raffle

Whether you are a student in CS 50 or just here to see some projects, you are eligible to partake in today's raffle. Earn stickers from presenters and earn chances to win!

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

Step 1: Apply that sticker to this program's cover, up to a maximum of 10.

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

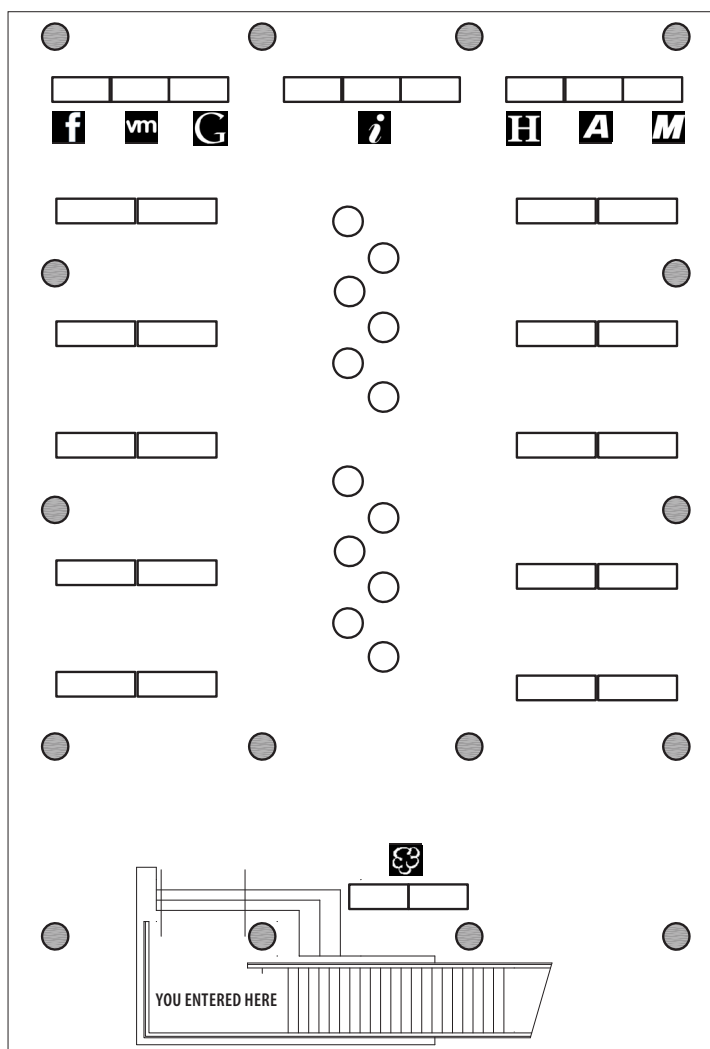
A cover page with n stickers means n chances to win one of today's prizes![†]

- an Xbox 360
- another Xbox 360
- an 8GB iPod Touch
- another iPod Touch
- an 8GB iPod Nano
- a 4GB Zune
- Office Ultimate 2007
- Vista Ultimate
- Visual Studio 2008
- Office:mac 2008

Check <http://cs50.net/> this weekend to see if you've won!

[†]You can only get a maximum of 10 chances, though we encourage you to see more projects!

map



Key: ○ Student Tables

Information Desk

Popcorn

Akamai

Facebook

Google

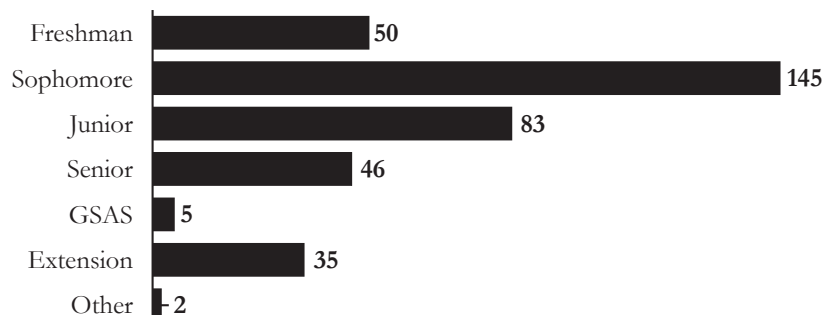
Harvard Computer Society (HCS)

Microsoft

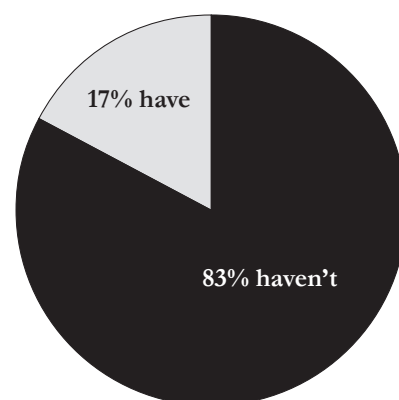
VMware

fun facts

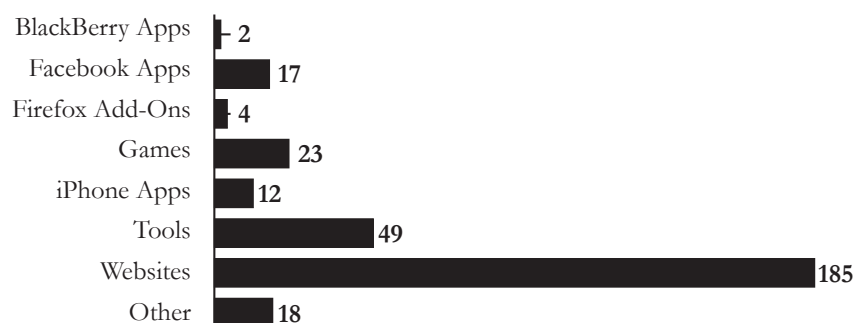
Who's in the class?



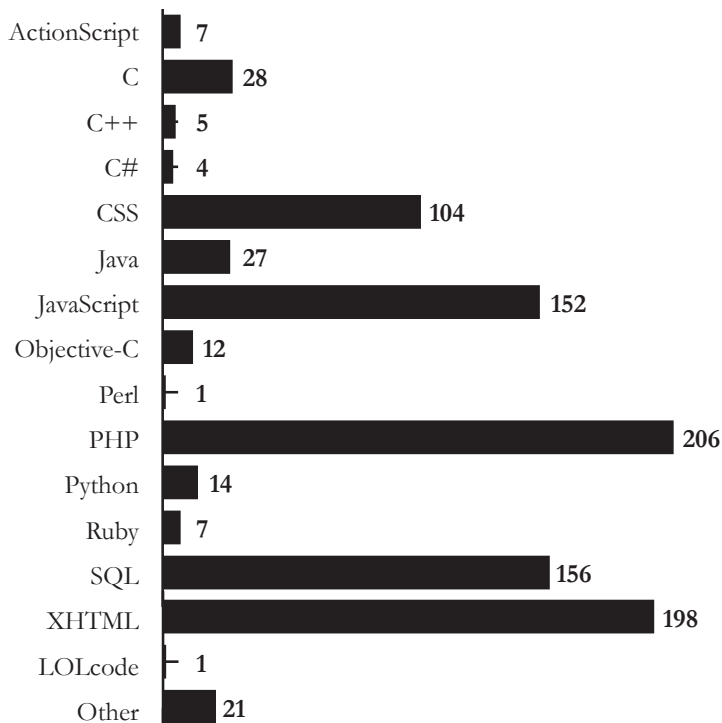
Who's taken AP CS?



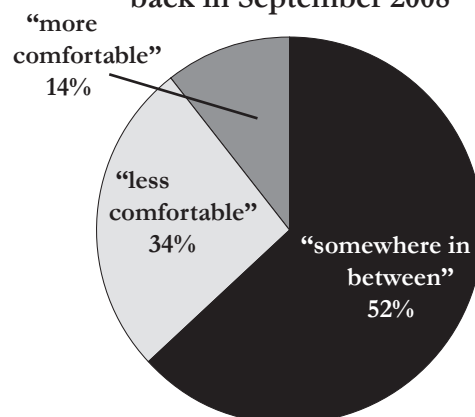
What kind of projects are here?



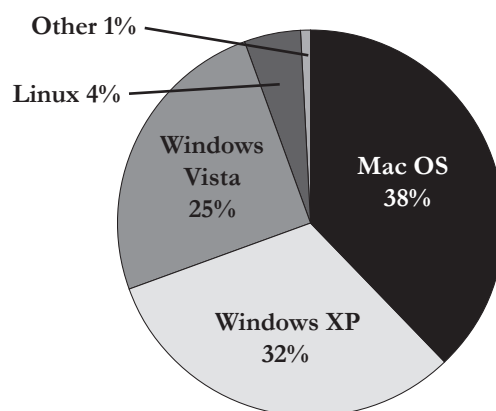
What languages were used for the projects?



Comfort Level with Computers back in September 2008



Who's running what?



All designs for The CS 50 Fair
created by Yuhki Yamashita '11

the projects

A 2d Physics World

Drew Robb '10, Physics

Newtonian physics has never been so much fun.

A New Schedule for Major League Baseball

David Roher '12

A new baseball schedule that optimizes travel time and attendance.

Agenda Toolbar

Matthew Chartier '12

Never forget another assignment!

Amna's Sectioning Tool

Amna Malik '10, Applied Mathematics

A sectioning tool that maximizes first-choice preferences.

amolsList

Amol Jain '10, Physics

Find, share, and discuss activities with people on campus.

AnaLiszt

Danielle Streifthau '11, Engineering Sciences; Steven Shepardson '11, Physics

Figure out your favorite song by entering notes.

Apprenez! French Learning Online

Rebecca Hofer '11, Human Evolutionary Biology

Practice listening comprehension and learn vocabulary!

At Hahvahd

Siddarth Chandrasekaran '12

Blogs about life at Harvard College.

Auction Sniper

Michael Cupelli '10, Engineering Sciences

A tool to cast last-second bids on eBay.

Audio Visualization

Dan Werb '10, Chemistry

See the waveforms of an mp3 or live input in the time and frequency domains!

Automated Group gChat

Bradford Matthiesen '09, Chemistry

gChat one person, but have the message received by a larger group!

Bach's Office

Charlotte Seid '10, Chemical and Physical Biology

A website that organizes consignment ticket sales for Sanders Theatre.

BankMate

Cindy Wang '10, Chemical and Physical Biology

Accounting for student groups.

Becas International

Yanislav Petrov '10, Economics; Jorge Alvarez '10, Economics

A website for finding colleges and scholarship opportunities.

BerryCards

Pedro Moura '11, Philosophy

Flash Cards for your Blackberry!

Big Money Gamblin'

Ryaan Ahmed '11, Music

Various games of chance and skill.

BillDivvy.com

Luyi Zhao '10, Applied Mathematics

Makes sharing bills with friends easy!

Blackjack Calculator

Yiyang Xu '09, Biochemical Sciences

Program for calculating blackjack strategies.

Blorums

Meir Lakhovsky '12

An online discussion without the forum chaos!

Board and Committees Pages for Woodbridge Website

Madhura Narawane '12

Check out the Board and Committee members of Woodbridge International Society.

BuyProvillusNow.com

Jason Shah '11, Sociology

Sleek e-commerce site for hair loss treatment supplements!

C\$ 50 MyMoney

Beatrice Liem '11, Applied Mathematics

A website you can use to keep track of your income and expenses.

CA Grading Tool

Taylor Yi '11, Applied Mathematics

Keep track of homework grades.

CA Portal

Matt Zimmerma '09, Mathematics

A website allowing math course assistants to keep track of grades.

Calendar Compare

Riva Nathans '10, Neurobiology

A website for comparing people's iCal-based calendars.

CalPool

Neena Kamath '11, Computer Science

Let's CalPool! : One-Click Scheduling.

Campus Coursepacks

Jonathan Cheng '11, Psychology; Derek Jones '09, Government

A website for trading and selling your old or unused coursepacks.

Check My Grades

Daniel Mark '11, Applied Mathematics

Online website for storing/looking up grades.

Checkers

Joshua Abram '10, Psychology

Play checkers!

Choral Lineup Generator

Curt Nehr Korn '11, Physics

Painlessly create your next concert's standing positions!

Classes@H

Eric Dong '11, Applied Mathematics

Rate your concentration!

classreef.com

Jonathan Bragg '10, Computer Science
Study online or with nearby students in your class!

Client Central 360 Management Software

Joel Rojo '12
Store, track, and organize customer and lead information online.

CNMI NFL

Anita Hofschneider '12
A website for registering students for high school speech competitions.

CollegeKiosk.net

Byron Lichtenstein '11, Engineering Sciences; Nwamaka Uzoh '11, Engineering Sciences
Find the events that YOU want!

Computer Sanity Monitor

Anjali Bhatt '11, Physics
A dashboard widget that monitors CPU usage.

Concentration Finder

Nora Barr '10, Engineering Sciences; Robert Cross '11, Neurobiology
Find out the concentrations for which you have fulfilled the most requirements.

Connect Four

James Liu '10, Chemistry
A computer version of the game Connect Four.

Connect Four

Suraj Som '09, Physics
Try to beat a computer at Connect Four!

Corcairdhearg Irish Dance Website

Moira Forberg '11, Neurobiology
Learn about Harvard's first Irish dance group on campus!

Course Selection Tool

Jun Ying Liu '11, Applied Mathematics
Find courses to fulfill concentration requirements and generate possible schedules.

Course Shopping Made Easy

Colin Fogarty '11, Economics
Easily find courses based on CUE Guide Ratings!

Crimson Adz

Lester Kim '11, Physics
Advertisements on Harvard's campus.

Crimson Book Swap

Karl Harmenberg '10, Mathematics; Chen Yan '10, Chemical and Physical Biology
Buy and sell course books from classmates.

Crimson Cab

Rachel Park '11, Statistics
Catch a cab to Logan with other students!

Crimson Commerce

George Guo '11, Economics
A one-stop place for Harvard students selling or buying anything and everything.

Crimson EC Recruiting

Luyi Huang '10, Economics
Rate and review Harvard extracurriculars; learn about their application processes.

Crimson Languages

Michael Ayoub '10, Chemical and Physical Biology
Find out about language tables at Harvard! You can even start your own!

Crimson Maps

Shadman Zaman '12; Chris Anderson '12; M Farjad Shakil Yousufi '12
Find your way around Harvard!

Crimson Marketplace

Sue Lin '10, Applied Mathematics
A website for buying and selling used textbooks.

Crimson Sports Finder

Danyellé Thorpe '11, Engineering Sciences
Find where the next game of your favorite sport is on a convenient map!

Crimsonopoly

Swara Kopparty '12
Monopoly with a crimson-tinted twist.

Cryptogram Solver

Jason Kleban '11, Applied Mathematics
A user-friendly program that helps the user decode cryptograms.

CUE Guide Class Search Engine

Alli Chandra '10, Government
Find a class based on its CUE guide ratings!

DAlist

Oluwadamilola Akinfenwa '12
Sell and buy on the fly at DAlist.com!

Daytime Van Service Website

Kevin O'Herin '09, Romance Languages and Literatures; Christina Meadows '10, Psychology
Sign up for a ride with the daytime van service!

DayTrip

Nicholas Moy '10, Economics
Plan your day.

Dealicious

Winston Yan '10, Physics
Find or promote events and special deals in Harvard Square on your iPhone!

Declaration of Concentration

Samira Rudig-Sotomayor '11, Engineering Sciences
A website to declare concentration online.

Dice Combat

Mark Piana '11, Engineering Sciences; Pramod Thammaiah '11, Applied Mathematics; Stephen Landy '11, Physics
Conquer the world.

Digital Rolodex

Anna Chen '09, Biochemical Sciences
Keep track of your contacts! Network!

DNA editor

Ruby Yu '10, Chemical and Physical Biology
Edit DNA sequences.

DNA to Protein Translator

Lisa Gingold '10, Applied Mathematics
A user-friendly website to convert DNA or RNA to amino acid sequences.

Econ 10 Unit Test Website

Gage Caligaris '10, Applied Mathematics
A website for the unit test program.

Economics Genealogy Tree

Samuel Chang '09, Economics
Online database linking economists throughout history.

English Word Origins

Sonya Mollinger '11, Physics
Find the etymologies of large pieces of text.

Event Map

Daniel Nevius '11, Engineering Sciences
An iPhone app that puts your events on a map and allows you to share them with your friends.

Event Organizer

Ulises Aguirre '12
Organize Facebook events on a Map.

Events@Harvard

Mandy Xu '09, Economics
A site where students can post, vote, and comment on events going on campus.

Experimentors Website

Jian Li '10, Physics
An interactive website for Harvard Experimentors.

Facebook Life-Planner Application

Maham Siddiqi '11, Physics
Plan your life on Facebook!

Facebook Matchmaker

Aseem Shukla '11
Find out if your secret crush has one on you!

FactAboutMe

Chen Fang '10, Economics; William Pan '10, Economics
What happens when Wikipedia meets Chuck Norris.

Fashion Warrior

Madelaine Boyd '12
Fight for your right to be fabulous!

Firefox Auto-Bookmarker

Tony Xing '11, Engineering Sciences
A Firefox add-on that can keep track of and sort through a history-like bookmarked list.

Found Faces

John Biersteker '09, Physics
A viral art gallery where users post images of objects/ scenes resembling faces from everyday life.

Free University

Mercedes Bent '10, Economics
Higher education for free.

Friend Trac

David Garcia '11
A system for keeping track of friends and family.

Froshbook.com

Jesse Yang '11, Engineering Sciences; Louis Yoon Choi '11, Applied Mathematics; Brian Ru '11, Engineering Sciences
Find everything you need... for a fresh start in Harvard.

Game Time!

Hansae Catlett '11, Engineering Sciences
Find out time and opponent of next basketball game!

gCRM

Xiaoqi Zhu '11, Mathematics; Yu Liao '11, Applied Mathematics
An user-friendly, web-based Customer Relationship Management software.

Gear up

Hannah Chung '09, Chemical and Physical Biology
A web-based gear management system for the Harvard Outing Club.

General Education or The Core?

Tanille Paniogue '11, Engineering Sciences
Website that takes user input on what classes they have completed and then whether the core or gen ed is a better idea.

GetMenu

Richard Anderson '10, Philosophy
A widget that supplies the HUDS menu to its user.

GetOutOfCambridge.com - Travel for Harvard Students

Robert Corty '10, Chemical and Physical Biology; Zachary Smith '09, Economics
Connecting students with information and with each other to make holiday travel easier, cheaper, and more environmentally friendly.

Gizmo

Spencer Murray '10, Engineering Sciences
A Plan of Study Builder for Engineers.

GoGo Gadget Gas-man!

Joseph Higgins '11, Applied Mathematics
Get more miles per dollar!

Grandma

Max Binder '10, Visual and Environmental Studies
A professional website for a professional clown.

Groups

Palak Patel '11, Applied Mathematics
Better manage your group's finances and tasks!

GTI-CYL Projects Manager

Hee Kwon Seo '11, Applied Mathematics
Manage projects of a UN-supported public-private partnership initiative in Northeast Asia.

Hahvahd Square

Shuqun Fang '11, Applied Mathematics; Chen Li '09, Applied Mathematics; Benjamin Wu '10, Economics
Harvard's first student-oriented marketplace!

HamaBook

Malcolm Campbell '10, Chemistry and Physics
A networking website for Harvard musicians.

HARMONY website

Shami Entenman '11, Neurobiology
Website for PBHLA program HARMONY.

Harvard Arts Review

Eva Ghirmai '11, Social Studies
Evaluate on-campus arts performances!

Harvard College Global Health Review

Jason Flood '11, Applied Mathematics
A website for the Harvard College Global Health Review.

Harvard College Global Hunger Initiative website

Jovana Sljivancanin '11, Applied Mathematics
A student organization's website.

Harvard College Seeding Labs Organization Website

John Kearney '10, Physics
A website for managing donations of used lab equipment.

Harvard College Suggestion Box

Michael Wolfe '09, Social Studies
A website that allows for anonymous, taggable suggestions for the Harvard community.

Harvard Course Network

Alexander Groeneveld '11, Computer Science
Find which of your facebook friends are in your classes and set up study groups with them.

Harvard Courses

Josef Tofte '10, Neurobiology
Quickly find the locations of your classes!

Harvard EDating

Asa Schachar '11, Applied Mathematics;
Daniel Nachajon '11, Applied Mathematics
Find a good match for a date instantly!

Harvard Events

John Tan '11, Applied Mathematics; Paige Martin '11, Physics
A website for all Harvard events.

Harvard Events Calendar

Paige Martin '11, Physics; John Tan '11, Applied Mathematics
Find out what events are going on around campus!

Harvard Friend-Finder

Matan Shelomi '09, Organismic and Evolutionary Biology
Personals website for the love-lorn, gold-digging, or horny Harvardian.

Harvard Green Scheme

Marta Bralic '12; Clemence Marie Hicks '12
More than just a dialogue about sustainability.

Harvard Hours

Mark Feng '11, Economics; Benjamin Fine '11, Applied Mathematics
An application finding campus resources.

Harvard IM Sports Facebook Application

Dana Brimmer '10, Organismic and Evolutionary Biology
Find the latest standings in the running for the Straus Cup.

Harvard IPTV

Yang Li '12
Streaming video service for the Harvard campus.

Harvard Mapper

Jonathan Yip '12; Christopher Lee '12
The Harvard map on your iPhone!

Harvard Marauder's Map

Benjamin Greenberger '11, Chemistry and Physics
Shows where people are on campus using a schedule database.

Harvard Outing Club Gear Tracker

Jessica Hightower '09, Molecular and Cellular Biology
A web-based program for keeping track of gear rentals for the Harvard Outing Club.

Harvard Q Guide REVAMPED

Wendy Lee '11, Applied Mathematics
Improves upon the current Q guide.

Harvard Risk

Michael Bachmann '12
Try your hand at conquering Harvard!

Harvard Schedule Master

Benjamin Zagorsky '12
A website that puts many of the Harvard building schedules in one place.

Harvard Shopper

Oscar Zarate '12
A website to help Harvard students get their thoughts together when shopping for courses.

Harvard Square Food Finder

Qichen Zhang '12
Find restaurants and other eateries in Harvard Square all on one convenient webpage.

Harvard Square Homeless Shelter staff website

Mariah Evarts '09, Psychology
A website to help the Harvard Sq. Homeless Shelter staff keep accurate logs.

Harvard University Calendar

Josh Zagorsky '11, Chemistry
A website synthesis of many university calendars.

Harvard University Map

Karthik Kasaraneni '12; Julia Sokol '10, Engineering Sciences; Kamilia Kaczor '10, Physics
Interactive campus map.

Harvard University Virtual Suggestion Box

Robyn Worcester '10, Engineering Sciences
Post your opinions and give suggestions about Harvard life!

Harvard Water Polo Stats Page

Patricia Smith '11, Applied Mathematics
A website for the accumulation and viewing of water polo stats.

Harvard XC Tracker

Renata Cummins '11, Earth and Planetary Sciences
A better XC results website than gocrimson.com.

HCCISS Website

Zhongrui Yin '11, History
A website for Harvard College Chinese International Students Association

Heads-up Hold'em

Kyle Robert Johnsen '11
Texas Hold'em poker computer game using an AI formula.

Hemenway Online

Amy Lanchester '11, Computer Science
Reserve your cardio machine online.

Hermes

Alexander Klein '11, Economics
Send mass text messages to members of your Facebook group!

HippocampusVision

Alexei Finski, G-3, Molecular and Cellular Biology
Automated feature detection on biological samples.

H-List

Jannis Brea '10, Neurobiology
Buy and sell your used textbooks on Facebook!

H-Market online

Henry Xie '11, Applied Mathematics
Online market for used textbooks and other college stuff.

HMC Trip Forum

Lee Evangelakos '11, Applied Mathematics
A website coordinating HMC trips.

HMMT Toolbox

Greg Brockman '12
Framework for administering a math tournament.

How Cool Are You?

Marc Guinez '12
Find out how cool you really are!

HRFC (Harvard Rugby Football Club) Gameday

Maximilian Sladek de la Cal '11
A text message service that informs a subscription list of upcoming game times and the latest HRFC scores.

HSBS (Harvard Society for Hungry Students)

Yara Wehbe '11, Engineering Sciences
A website for finding restaurants in Harvard Yard.

HUBC Scheduler

Rummel Henrik '09, Applied Mathematics; James Bayley '09, Economics
An easy to use time scheduler for the coaches of the Harvard crew team.

HUDS Buddy

Jonathan Tam '10, English
Let HUDS Buddy tell you when your next favourite entree's being served!

HUDS Helper

Sam Gross '10, Statistics
Connect with HUDS via Facebook.

HUDScanner

Chelsea Shover '11, Literature; Amelia Lin '11, Physics
Search Harvard University Dining Services daily residential menu for food allergens.

iDorm

Tatiana Peralta '11, Applied Mathematics
Organize your Dorm with your roommates.

iFOOD

Wenfan Yu, G-1, Statistics; Sang-chuan Changlai '11, Applied Mathematics
The website provides a service for both users (students, faculty members, etc.) and owners (restaurants).

IMUSE Website

Tian Feng '11, Economics
Staying connected in the IMUSE network.

In-or-Out?

Sara Encisco '09, Chemistry
Get help deciding where to eat.

Investor Alert System

Alice Chung '11, Economics
Emails users when stocks of interest release earnings estimates, have conference calls, surprises, and other news flashes.

iPhone Bass

Hayden Burgoyne '11, Engineering Sciences
A handy, portable bass guitar simulator for the Apple iPhone.

Irreparable Damage Clan Website

Grady Ryther '10, Physics
A website for organizing a Gears of War 2 gaming clan.

iShuttle

Lestat Ali '11, Computer Science
Shuttleboy + all the sexiness of the iPhone.

Java Tower Defense

Kyu Bok Lee '12
Tower Defense Game in Java.

Job Tracker

Helen Strom '11, Social Studies
Organize your job search!

Judge Yo' Munchies

Hamsa Sridhar '12
Facebook app to rate the food served in Harvard dining halls.

KeyChange Online!

Jasmine Rencher '11, Computer Science
Official website for KeyChange.

Kirkland Grille Reservations

Tova Holmes '11, Physics
A website for making reservations for the Kirkland Grille space.

KISA Website Making

Ho Chan Lee '12
A website in which the members of KISA can communicate.

KISS - Keep it short and simple

Natasha Whitney '11, Applied Mathematics
Making smaller faster programs!

Knot Recorder

Laura Starkston '10, Mathematics
An applet to create and record knots and diagrams.

ladderCompete

Tyler Sipprelle '10, Economics
Website to automate ladder-style competitions.

Laman Graph Generation

Alexander Dubbs '09, Mathematics
I generate non-isomorphic graphs with the Laman property on n vertices.

Landscaper

Levi Dudte '11, Applied Mathematics
Design your dream landscapes.

Lazyevent.com

Peter (Geon) Kim '10, Molecular and Cellular Biology
Find the nearest event on a map.

Let's Dine Together!!

Hiroko Kumaki '11, Anthropology
Find your meal buddy!

Life: Harvard Style

Mackenzie Eagleson '11, Engineering Sciences; Erika Lovin '11, Applied Mathematics
It's the game of LIFE but Harvard style!

LOLJava

Sami Majadla '11, Computer Science
Converts your LOLCode into usable Java!

Lowell House Committee Website

Christy O'Neil '09, Economics; Amanda Fields '09, Comparative Study of Religion
Lowell's House Committee Website.

Malan Kart

Kevin McNamara '12
Fully 3D racing game!

Malaria Conquest

Liliana Delgado '10
Game that enables players to learn ways through which they can prevent malaria.

Malcolm the Go! Game

Dylan Lake '11, Applied Mathematics; Scott Zuccarino '11, Applied Mathematics
The ancient Chinese game of Go! in 3D!!!!!!11111!

Mastermind

Veronika Bordas '10, Applied Mathematics
A website to play a Star Wars-themed implementation of Mastermind!

Mather Assassins

William Weingarten '11, Applied Mathematics
Eliminate the paperwork and make everyone's favorite college campus game easy by automating signups, target assignments, and eliminations.

Mather RRS

Devon Williams '10, Computer Science
Sign up and manage room reservations completely online!

Maze Racer

Parker Porfilio
Guide a ball through a maze with you fingers!

Meeting Organizer

Charlotte Austin '11, Slavic Languages & Literatures
A web-based scheduling device.

MELETE

Hanna Choi '12
See music practice room availability from the comfort of your room!

MessageMe

Caitlin Bowers '11, English
Text message reminders for all your student organization's meeting and events.

MessageTags

Ryan Orley '10, Government
A site to tag your contacts and send mail merges to dynamically created groups.

mibeca.com

Jorge Alvarez '10, Economics; Yanislav Petrov '10, Economics
A scholarship and college opportunities search engine.

Minesweeper

Pilar Mayora '12
Minesweeper, a game that no computer should be lacking.

Mock Trial VTR

Jean-Paul Jacquet '12
Tabulation help for mock trial tournaments.

Mosquito Adventure

Theodore Wilson '11, Computer Science
A fun game designed to educate children about malaria.

Music Connection

Gregory Ciraulo '09, Applied Mathematics
Connecting individuals with musicians.

Music in Color

Colin Santangelo '11, Engineering Sciences
Turning MIDI Music into Art!

Music Segmentation

Vikram Modi '10, Applied Mathematics
Segment a piece of music into similar phrases.

Musicbook

Kristin Sullivan '12
A search engine dedicated to music and those who obsess over their itunes library.

MusikRing

Andrew Okuyiga '10, Economics; Michael Mi '10, Statistics
Collaborate with friends to make playlists.

My Calorie Counter

Dan Napier '10, Economics
A website for recording your workouts and tracking your caloric intake.

My Camp Manager

Glenn Alterman '10, Economics

A website for managing the operations of a day camp.

My Life Planner

Nora Ali '11, Statistics

Manage your life with one simple website!

myPipeline

Evan Rose '09, Anthropology

Connecting Innovators with the Market.

myPOS

Austin Donisan '11, Computer Science

Restaurant POS software that just works.

MyShoppingPeriod

Justin Komisarof '09, Biology

Why make a schedule when MyShopping Period will do it for you?

Not Quite Deep Blue

Edward Coleman '11, Psychology

Chess-playing platform.

notesTube

Adam Nemecek '12

Share your course notes!

Notre Dame High School Master Schedule Maker

Ian James Storey '12

Collect data and use it to make the schedule for classes at my high school.

O bai, world! Hello, work

Melissa Wong '12

Stop futzing around on the intertubes (via Firefox). Go do your work already.

Off The Grid Living

William Charles Ball '11

A knowledge base for information on off the grid housing as well as an online community for people interested in the subject.

One Touch

Ronald Kamdem '10, Economics

Buy a movie ticket with your mobile wallet.

Online Battleship

Michael Ingram '10, Psychology; Ben

Kies '10, Mathematics

Challenge your friend at online battleship!

Online Sectioning Tool

Yuga Cohler '11, Computer Science

A simulation of sectioning at Harvard.

opencoconut.com | library movie search

Kevin Verbael '10, Economics

A one-stop tool for Harvard students to find access to free movies on-campus and on hulu.com.

Operation MacGuffin

Michael Laures '09, Psychology

A Google Maps game.

Optimize your H!

Horia Mihail Teodorescu '11, Applied Mathematics

Tired of CUE? Get the optimal semester curricula!

Orion: Escape from a Broken Planet

Kelley Swanberg '09, Neurobiology

Enhance your mind-body (or at least trigger finger) connection by saving your starship from brutal destruction!

Outliner

Erin McCormick '10, Psychology

A program for organizing your topic-based notes into a paper outline.

Particle Puzzle

Evan Czaplicki '12

Playing with force fields!

Pfoho Pformal Matchmaker

Ryan Schell '11, Economics

Helps date-less attendees to Pforzheimer House formals find dates.

PKU Phoenix Sorority

Yushu Han, G-2, Statistics

I will build up a website for Peking University Phoenix Sorority, which is organized by female college students.

Plan of Study Helper

Dan Cahoon '11, Chemical and Physical Biology; Jamie Lee De Coteau '11, Engineering Sciences

A website for helping students find classes to fulfill their core curriculum requirement.

Plan of Study Tool

Peter Bernard '11, East Asian Studies

Use it to manage your 4 years of courses.

Plan-osaurus

Anna Marie Chen '09

A project management tool for both astronauts and non-astronauts.

Platform Shoes

Keenan Shirt '12

A 2D platforming game.

Polaris

Annie Brett '09, Environmental Science and Public Policy

A celestial navigation iPhone app.

Poset Construction Generator

David White '10, Mathematics

Generate mathematical constructions from arbitrary partially ordered sets!

Project HEALTH Resource Database

Ana Garcia '11, Engineering Sciences

Designed to consolidate the resources used by Project HEALTH volunteers.

Quick Charts

Oseremen Okoruwa '11, Engineering Sciences

A study-guide database.

QuickCrimson

Elaine Chen '11, Economics; Sean

Cuddihy '11, Government

The Harvard Crimson--delivered to your Facebook profile!

Quincy Quartography

Rose Cao '11, Engineering Sciences; Sonia

Pernia '11, Engineering Sciences

A website for navigating Quincy House.

Quizbowl Tournament Editing Suite

Andrew Watkins '11, Chemistry

A tool for managing and editing quizbowl tournaments.

Qvare

Divanny Lamas '10, Government

The web's best recipes at the touch of a finger.

Rank Them Now

Michelle Konstadt '10, Applied Mathematics

Rank sailors by who they beat, not their overall record.

RateMyHarvardDorm

Michael Nock '11, Applied Mathematics;
Matthew Cohen '11, Environmental Science and Public Policy

A website for finding the best rooms on campus.

ReAGe: A Program to Reconstruct Contiguous Regions of Ancestral Genomes

Stephen Yee '09, Organismic and Evolutionary Biology

A program to find Contiguous Ancestral Regions in chromosomes from a set of genomes.

Realnusach.com

Ezekiel Nadler '11, Philosophy

An online resource for learning nusach, the traditional melodies for Jewish prayer.

Realworld Alternative Tracking (RAT)

Alex Lupsasca '11, Physics; Patricia Florescu '11, Applied Mathematics
RAT is the new mouse.

Renegade

Anthony Rotio '11, Computer Science

A tool for shopping in stores, eliminates waiting in line.

SABES - Spanish Acquisition Beginning in Elementary School

Tom O'Connell '09, Economics
Website for SABES, Harvard College's only Spanish tutoring program for elementary school students.

ScrabbleAid

Peter Raymond '09, History and Literature

Program that determines what words can be formed from a given set of tiles.

Screen Scraping Judicial Appointments

Peter Ganong '09, Economics

Plain-text from newsletters posted as data on wikipedia using a bot

Sea Turtles in New England Waters

Jared Dourdeville '11, Engineering Sciences

Learn more about sea turtles in local waters.

SeniorSpring App

Robert Prior '09, Economics

A powerful tool for navigating senior spring.

Seq

Meng Xiao He '11, Molecular and Cellular Biology

Annotate, digest, and ligate DNA sequences.

Shifty

Rupak Chakraborty '10, Physics

A fair, automated shift scheduler based on individual preferences.

SiLC

Leora Pearson '12

Online Card Game Site.

SLAMBidding

Samuel Lichtenstein '09, Mathematics

Utility for bidding bridge hands according to user-specified rules.

Small World Gallery

JC Guest '11, English

A new way to share art.

Snafu

Andrew Trombly '09, Government

An implementation of the classic Intellivision game.

Soccer Buddy

Baltazar Zavala '11, Engineering Sciences;
Shomesh Chaudhuri '11, Engineering Sciences

The Harvard soccer team's newest Game Breaker.

Soccer Spots

Alan Ramos '09, Psychology

A website designed to help you find a place to play soccer near you.

Socializer

Katerina vinou '11, Engineering Sciences

A website for finding events hosted by student groups in a monthly calendar view.

splitbananas.com

Cosmo Jiang '11, Applied Mathematics;
Irving Dominguez '11, Applied Mathematics

Got monkeys for roommates?

Sri Lanka Society Website

Ruwan Senaratne '11, Physics

The official website of the Harvard College Sri Lanka Society.

Statbox

Hanzi Zhang '12

User-friendly statistical tools.

steve-oh viz-you-oh-lizer

Steven Schowalter '09, Physics

Music visualizer that adapts to weather and time.

Sticky Note Text Editor

Alex Zhai '12

A text editor based on writing in small chunks and piecing them together.

SuperBABE

John Masi '10, Physics

A Connect Four AI.

Synchronicity

Nick Shearer '09, Visual and Environmental Studies

A music-making application for the iPhone.

[[Syntactic Tree] Builder]

Dustin Heestand '10, Linguistics
Build syntactic trees visually for inclusion in LaTeX!

TechManage

Sophie Rengarajan '10, Neurobiology
TechManage: takes care of the managing, so you can be on stage!

Term Scheduler

Tina Liu '11, Economics
A web-based tool for preventing scheduling disasters.

textraid.com

Isaac Koech '11, Engineering Sciences
A website that facilitates textbook trades between schoolmates.

The Anti-Procrastinator

Wilson Yu '11, Applied Mathematics
The answer to student procrastination!

The Arithmetic Game

Jerry Kung '11, Applied Mathematics
Play the Arithmetic Game on Facebook!

The Birding Book

Jordan Comins '09, Human Evolutionary Biology
For amateur birders to upload pics!

The Bridge: A Brainteaser

Jin Liu '09, Economics
A brainteaser game in a Java applet.

The Dinning Hall Cook

Camille Leibler '11, Physics
A website where people can view, submit, and comment on recipes that can be made using dining hall food.

The Globe - International Markets and Currencies

Dan Gong '10, Neurobiology
A Google Maps mashup that pulls stock index data for major markets and exchange rates for major currencies.

The Harvard Book Exchange

Evelyn Park '11, Engineering Sciences
A website to facilitate textbook buying and selling between Harvard students.

The Harvard Book Thing

Tiffany Au '12; Julie Xie '12
Sell and buy used textbooks for your classes!

The Harvard Crimson Widget

Jeffrey Feldman '11, History
Dashboard access to Crimson online content.

The Lawrence Online

Monica Zhou '12
Website for the weekly newspaper of The Lawrenceville School.

The New Q

Meryl Federman '11, Mathematics
Supplements the Q by allowing people to write extended comments on their classes.

The Weather Wardrobe Wizard

William Little '10, Applied Mathematics
Get text messages advising you on what to wear given the expected meteorological conditions for the entire day.

TIM - Trott Instant Messenger

Andrew Trott '11, Computer Science
A secure instant messaging and file transfer application for local area networks.

Time Sentinel

Joy Xi '09, Economics
An anti-procrastination tool to protect you from yourself!

Top Seed

Mashael Fakhro '11, Applied Mathematics
A place to share uploads, links, recommendations, doodles and thoughts with friends!

Track My Run

Justin Butler '11, Applied Mathematics
A website for storing, posting, and sharing runs and stats with running buddies on campus.

Travian Gears

John Regan '11, Applied Mathematics;
Nathan Leiby '11, Applied Mathematics
A utility for playing the browser game, Travian.

Travulator.com

Ilyes Kamoun '10, Economics
Find and compare the cheapest bus, plane, and train fares in the Northeast.

TriviaMap!

Elizabeth Isaacson '12
Place markers on your favorite places on a map of Cambridge and write trivia and anecdotes about those places.

TV at Harvard

Kelly Bodwin '11, Statistics
Find out who is watching your favorite shows around campus!

Ultimate Statistics

Jenny Wang '10, Chemistry and Physics
A website to track game-by-game statistics for Ultimate Frisbee.

UP CLOSE WITH THE PROS

Christopher Ellis Hernandez '12
Most of the action from the NBA brought to in the comfort of your own home.

USA Fencing Google Calendar Creator

Emily Cross '10, Biology
A website that populates a Google calendar with fencing tournament information.

Veritas Financial Group

Yu "Nathanael" Ren '11, Economics
A website for the student group VFG.

Visual Pathway

Filip Zembowicz '11, Chemistry
Visually explore the complexity of biology.

VoxJazz's website

Matthew Schwede '10, Applied Mathematics
The website for Harvard's vocal jazz quintet.

Watermelons

Shannon Tsaltas '11, Applied
Mathematics
A Ruby on Rails reddit clone!

Your Personal Accountant

Kayley Laren '09, Economics
*A website for tracking budgets and maintaining
financial records.*

Weather Woe

Giselle Cheung '10, Economics
*Weather-proof your day with the help of a
friendly model.*

WeatherR

Madelyn Finucane '11, History
A texting service for hour-by-hour forecasts.

WebVersion

Jennifer Rogers '12
*Full-featured, browser-accessible GUI for
subversion.*

What I Like

Ian Perry '09, Economics
Remember what you like from your phone.

What'sUpNow?

Timothy Kotin '11, Engineering Sciences
Create, manage and find campus events!

**When is the next Harvard sports
game?**

Nora Sluzas '09, Environmental Science
and Public Policy
Find out with Google Calendar and SMS!

wikiscout

Dan Kantrovitz, G-1, Statistics; Daniel
Fernandez, G-1, Statistics
*Website for evaluating major league baseball
players.*

Woodbridge Website

Ezgi Bereketli '12; Alper Can Yildirim '12
*A new website for spreading the international
love on campus!*

WordRoll

Kevin Suehnholz '10, Economics
Can you uncover the mystery in time?

Worksheets Sans Work

Matthew Rubenstein '10, Economics
Easy vocabulary worksheet creator!

the staff

Instructor

David J. Malan '99

Head Teaching Fellow

Cansu Aydede '11

Teaching Fellows

Batool Ali '10, Peter Bailis '11, Josh Bolduc '11, Daniel Carroll '09, Alex Chang '10, Jesse Cohen '10, Sanjay Gandhi '10, Tomo Lazovich '11, Andy Lei '10, Peter Lifland '10, Aaron Oehlschlaeger '11, Zeina Oweis '11, Ken Parreno '11, Will Phan '09, Chris Power '98, Patrick Quinn '10, Kent Rakip '11, David Ramos '08, Vivek Sant '11, Patrick Schmid, Andrew Sellergren '08, Chris Simmons '11, Daniel Steinbrook '11, Brett Thomas '10, Mike Tucker '03, Tom Wionzek '08, David Wu '11, Yuhki Yamashita '11, Linfeng Yang '11

Sysadmins

Glenn Holloway, Keito Uchiyama '11

Course Assistants

Andrew Berry '09, Anjuli Kannan '09, Erica Lin '10, Diana MacLean '09, Ovul Sezer '10, Saba Zaidi '10

Virtual Teaching Fellows

Fritz Behr '03, Thomas Carriero '08, Wellie Chao '98, Ann Chi '08, Helen Drislane '07, Katie Fifer '08, Dave Hiniker '05, Ken Liu '98, Doug Lloyd '09, Emily Parfit '08, Abe Passaglia '08

Producers, Videographers

Kriss Barnhart, Chris Thayer

guests

Many thanks to our guests for their support.

Akamai

<http://www.akamai.com/>

Facebook

<http://www.facebook.com/>

Microsoft

<http://www.microsoft.com/>

VMware

<http://www.vmware.com/>

cs @ harvard

Come shop these classes this spring and next fall!

SPRING 2009

CS 1: Great Ideas in Computer Science

Henry H. Leitner (MWF 11-12)

An introduction to the most important discoveries and intellectual paradigms in computer science, designed for students with little or no previous background.

CS 51: Introduction to Computer Science II

John G. Morrisett (TuTh 1-2:30)

Abstraction and design in computation.

CS 105: Privacy and Technology

Michael D. Smith and James H. Waldo (TuTh 2:30-4)

What is privacy, and how is it affected by recent developments in computer technology?

CS 124: Data Structures and Algorithms

Michael D. Mitzenmacher (TuTh 11:30-1)

Design and analysis of efficient algorithms and data structures.

CS 171: Visualization

Hanspeter Pfister (MW 1-2:30)

Introduction to key design principles and techniques for visualizing data.

FALL 2009

CS 50: Introduction to Computer Science I

David J. Malan (MW 1-2:30)

Introduction to the intellectual enterprises of computer sciences.

CS 61: Systems Programming & Machine Organization

Matthew D. Welsh (TuTh 2:30-4)

Fundamentals of computer systems programming, machine organization, and performance tuning.

CS 121: Introduction to Formal Systems & Computation

Salil P. Vadhan (TuTh 10-11:30)

General introduction to formal systems and the theory of computation, teaching how to reason precisely about computation and prove mathematical theorems about its capabilities and limitations.