

This is CS50.
This is CS220.

(this never works well)

1. stand up
2. think to yourself: **I am #I**
3. pair off with someone standing, add your numbers together, and adopt the sum as your new number
4. one of you should sit down; the other should go back to step 3

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fall mondays morning grad course ≥ 4.0
 spring tuesdays afternoon undergrad faculty ≥ 4.0
 bracketed wednesdays thursdays fridays saturdays

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	<input type="checkbox"/>	<input type="checkbox"/>	AESTH&INTP 13	Cultural Agents	3.7	Erspamer, Sommer	12	M., 3-5
	<input type="checkbox"/>	<input type="checkbox"/>	AESTH&INTP 21	Virgil: Poetry and Reception	4.4	Thomas	29	M., W., at 11
	<input type="checkbox"/>	<input type="checkbox"/>	AESTH&INTP 24	First Nights: Five Performance Premieres	4.2	Kelly	95	Tu., Th., at 11
	<input type="checkbox"/>	<input type="checkbox"/>	AESTH&INTP 25	Surrealism: Avant-Garde Art and Politics between the We	3.7	Suleiman	92	M., W., (F.), at 1
	<input type="checkbox"/>	<input type="checkbox"/>	AESTH&INTP 30	Love In A Dead Language: Classical Indian Literature an	4.7	Patil	10	M., W., at 11
	<input type="checkbox"/>	<input type="checkbox"/>	AESTH&INTP 33	Ancient Fictions: The Ancient Novel in Context	4.7	Elmer	6	M., W., at 1
	<input type="checkbox"/>	<input type="checkbox"/>	AESTH&INTP 35	Forms in Korean Cultural History	3.7	McCann	14	M., 2-4
	<input type="checkbox"/>	<input type="checkbox"/>	AESTH&INTP 36	Buddhism and Japanese Culture	4.0	Abe	33	Tu., Th., 10-11:30
	<input type="checkbox"/>	<input type="checkbox"/>	AESTH&INTP 38	The English Language as Literature		Albright		M., W., at 12
	<input type="checkbox"/>	<input type="checkbox"/>	AESTH&INTP 45	Art and Politics in Russia and Eastern Europe	3.4	Boym	58	Tu., 2-4
	<input type="checkbox"/>	<input type="checkbox"/>	AFRAMER 11	Introduction to African Studies	3.3	Elkins	9	M., W., at 10; Th., at 2
	<input type="checkbox"/>	<input type="checkbox"/>	AFRAMER 20	Introduction to African Languages and Cultures	4.1	Mugane	29	M., W., at 12
	<input type="checkbox"/>	<input type="checkbox"/>	AFRAMER 90r	African Language Tutorials	4.4	Mugane	8	Hours to be arranged
	<input type="checkbox"/>	<input type="checkbox"/>	AFRAMER 90r.a	Amharic	3.7	Mugane	7	Hours to be arranged
	<input type="checkbox"/>	<input type="checkbox"/>	AFRAMER 90r.b	Bamanakan	2.5	Mugane	4	Hours to be arranged
	<input type="checkbox"/>	<input type="checkbox"/>	AFRAMER 90r.c	Cape Verdean Creole		Mugane		Hours to be arranged

Page 1 of 28 | 1 - 100 of 2723 courses

Done

Done

1 - 100 of 2723 courses

fun facts

11,782 courses on shopping lists

1,384 Facebook users

607 Google Calendars

10

average number of courses on shopping lists

82

most courses on someone's shopping list
followed by 70, 66, 63, ...

hello, world

i saw you harvard BETA

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1 to 10, of 6179 posts

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The Yard

Posted at 08/22/2010 2:36am, F spotting F

I saw you... freshmen. Hahahaha

31  

"I saw you... at the cs50 fair looking all proud of your project."

Shop **CS50**. Wed 9/1, 1pm. Sanders. I'll see you there?

Reply

Done

DOUG

expectations

attend all lectures and sections

submit nine problem sets

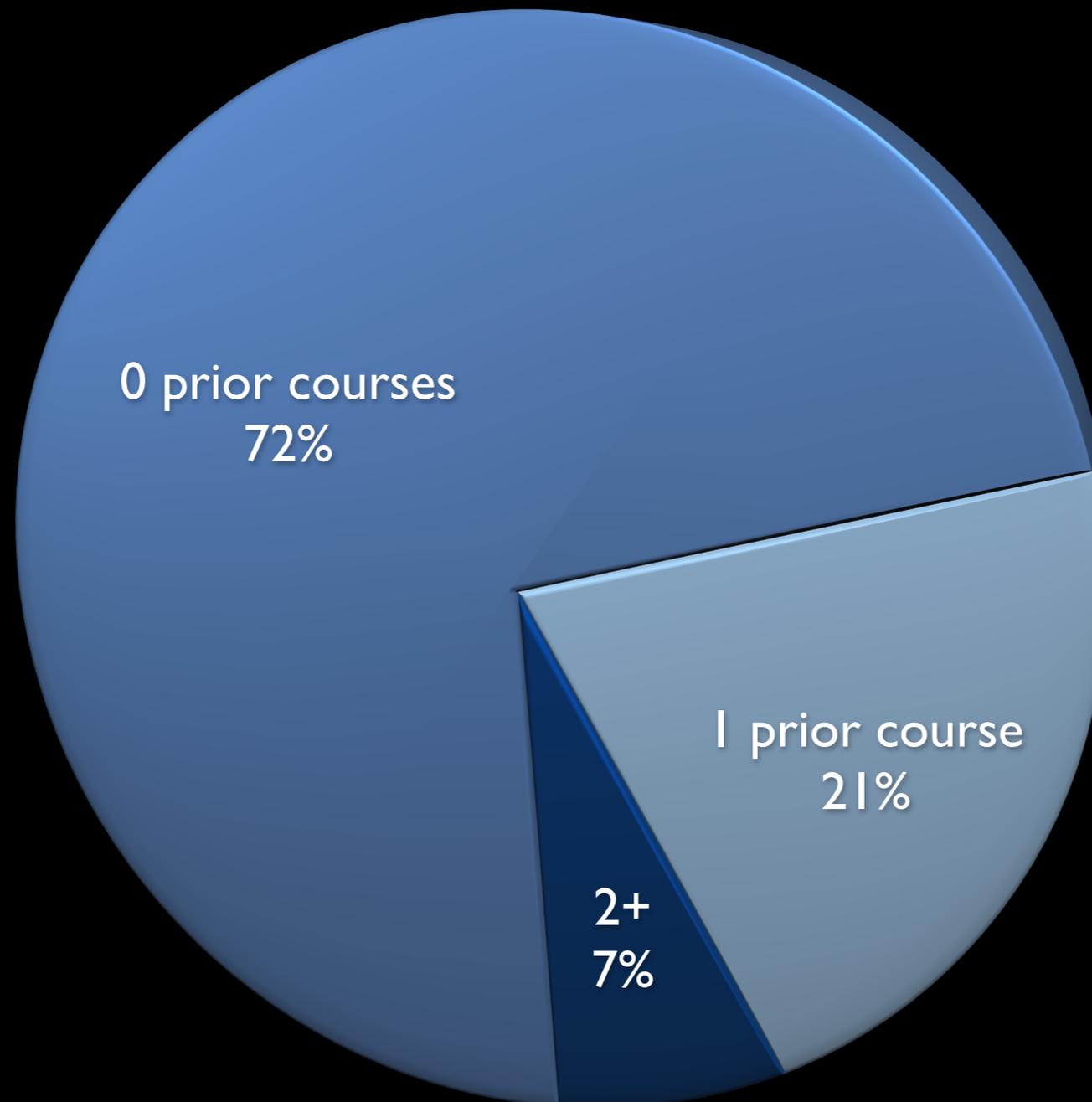
take two quizzes

design a final project

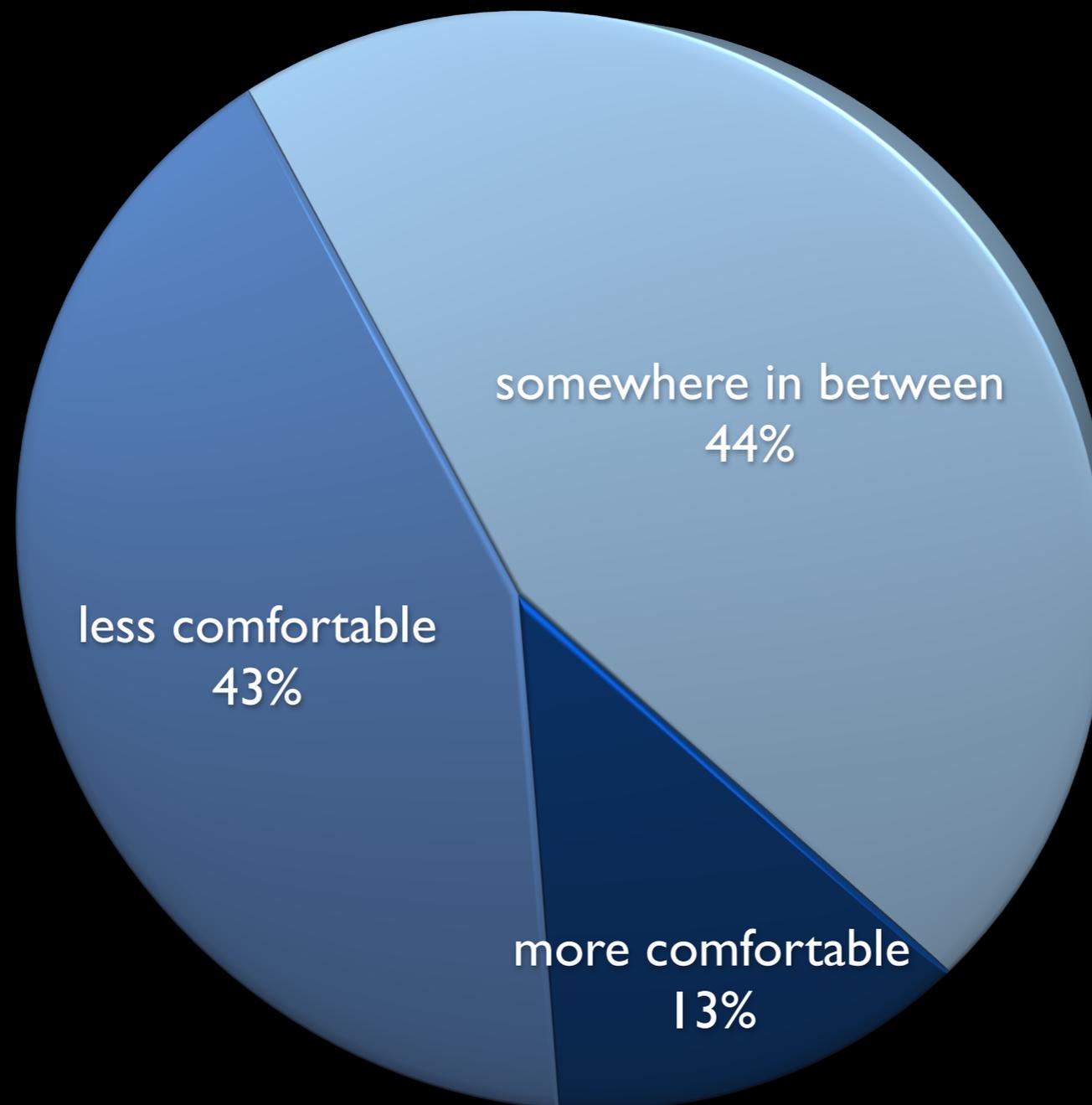
grades

Pass/Fail or letter grade

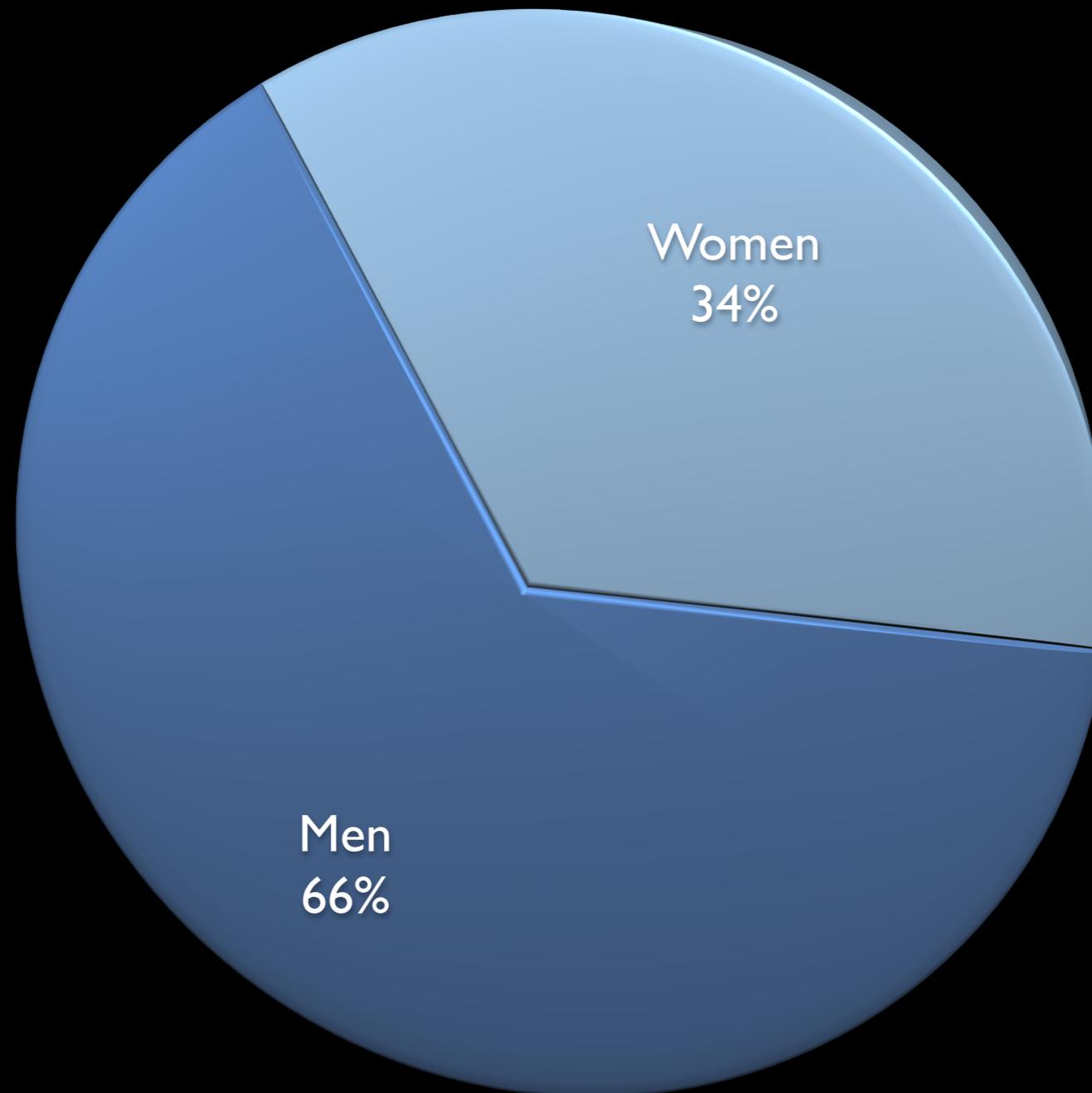
72% of the people in this theater
have no prior experience



there isn't a typical CS50 student



coming soon: 50/50

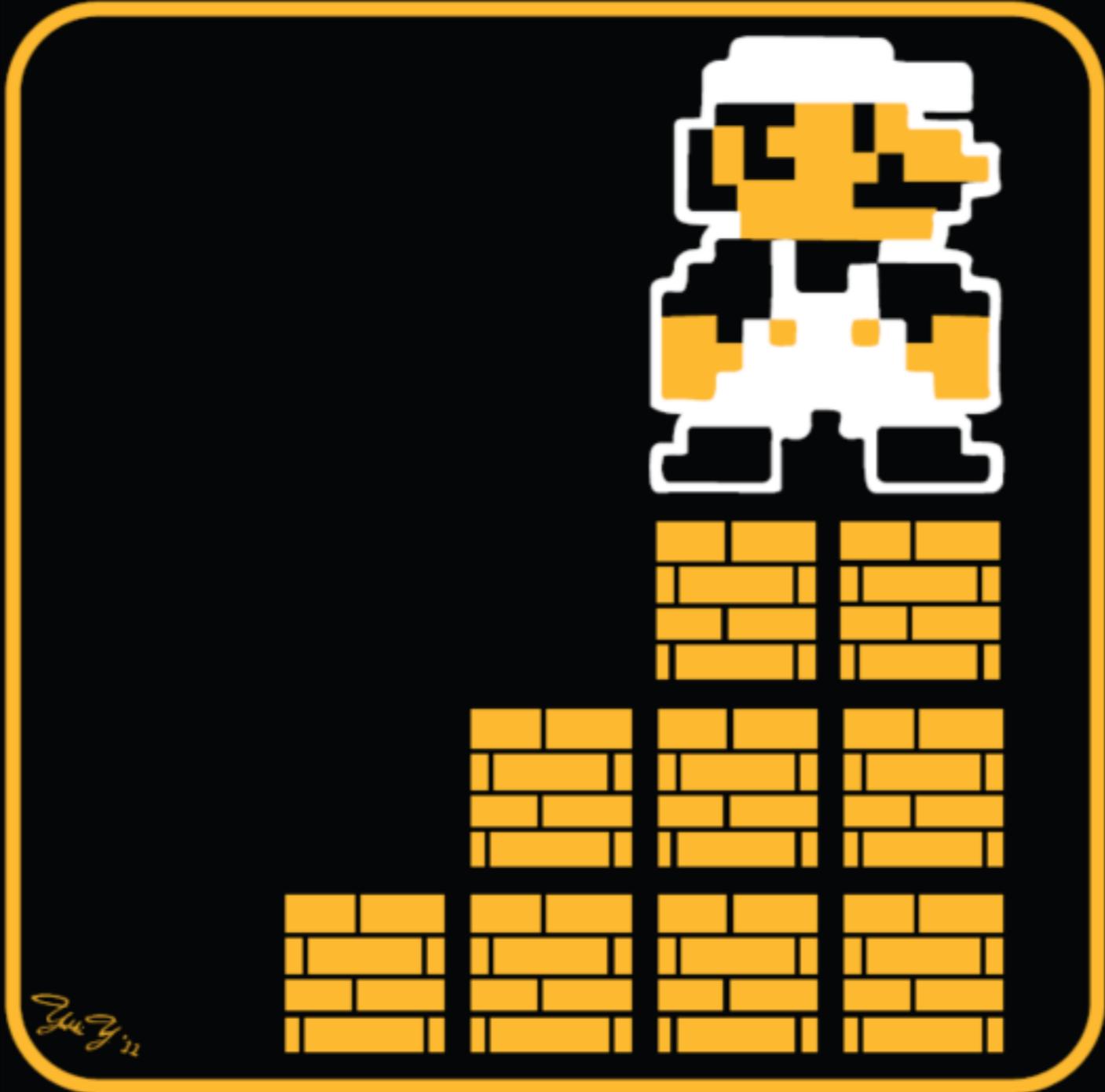


O, hai!



Yuyi '11

Yuyi '11



B i n y g v

o v a

Yue Y '21

Yue Y '21



数独

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2022.11.11

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Teh Computer Sci-
ence 50 learnz you
about intertubes in
teh cloudz. David J.
Malan will pwn u
ftw so watch out!

guy 11

guy 11

ftw so watch out!

CS50

↑ **120**



Yui Y '11



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Yun Y. '11

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sections, office hours, walkthroughs

67

size of CS50's staff



SCIENCE CENTER

Whiteboard content includes:

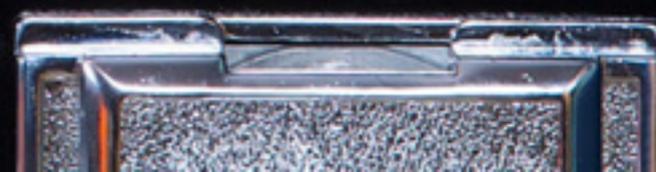
- Diagram with labels: "FRAC", "1/2", "1/4", "1/8", "1/16", "1/32", "1/64", "1/128", "1/256", "1/512", "1/1024", "1/2048", "1/4096", "1/8192", "1/16384", "1/32768", "1/65536", "1/131072", "1/262144", "1/524288", "1/1048576", "1/2097152", "1/4194304", "1/8388608", "1/16777216", "1/33554432", "1/67108864", "1/134217728", "1/268435456", "1/536870912", "1/1073741824", "1/2147483648", "1/4294967296", "1/8589934592", "1/17179869184", "1/34359738368", "1/68719476736", "1/137438953472", "1/274877906944", "1/549755813888", "1/1099511627776", "1/2199023255552", "1/4398046511104", "1/8796093022208", "1/17592186044416", "1/35184372088832", "1/70368744177664", "1/140737488355328", "1/281474976710656", "1/562949953421312", "1/1125899906842624", "1/2251799813685248", "1/4503599627370496", "1/9007199254740992", "1/18014398509481984", "1/36028797018963968", "1/72057594037927936", "1/144115188075855872", "1/288230376151711744", "1/576460752303423488", "1/1152921504606846976", "1/2305843009213693952", 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cs50.net

The screenshot shows a web browser window titled "This is CS50" with the URL "http://www.cs50.net/". The browser's address bar and menu bar are visible. The website content includes a navigation menu on the left, a main content area with a syllabus notice, a quote, and a QR code, and a right sidebar with contact information and social media links. The footer contains copyright information and a list of sponsors.

This is CS50.
David J. Malan '99, Instructor
dmalan@harvard.edu

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Per the [syllabus](#), you may take CS50 Pass/Fail or for a letter grade in Fall 2010.

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

Introduction to the intellectual enterprises of computer science and the art of programming. This course teaches students how to think algorithmically and solve problems efficiently. Topics include abstraction, encapsulation, data structures, databases, memory management, software development, virtualization, and websites. Languages include C, PHP, and JavaScript plus SQL, CSS, and XHTML. Problem sets inspired by real-world domains of biology, cryptography, finance, forensics, and gaming. Designed for concentrators and non-concentrators alike, with or without prior programming experience.



617-BUG-CS50
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cs50.tv

The screenshot shows a web browser window with the address bar containing `http://cs50.tv/2009/fall/lectures/0/week0.mov`. The browser's toolbar includes various utility buttons like 'Disable', 'Cookies', 'CSS', 'Forms', 'Images', 'Information', 'Miscellaneous', 'Outline', 'Resize', 'Tools', 'View Source', and 'Options'. Below the browser, there is a video player interface with a play button in the center, a progress bar at the bottom showing '00:09' out of '70:28', and volume controls. To the right of the video player is a transcript of the video content.

English Search Highlight Scroll Subtitle

» David: Welcome, my name is David Malan and this is CS50. And, this is not your typical high school computer science course. This course is a little something special. And it's not because I'm teaching it. It's because this is one of, we like to think, those rare courses that actually squeezes your brain so much and your schedule so much that by semester's end you genuinely feel smarter. So, that was the way I felt when I myself took this course back in 1996. I was a government major at the time here living in Mather House. And, I.

Cheering

As are the other, the five others there. So, I was a government major at the time. And I was a government major because I'd always liked history. I liked constitutional law in high school. And so, I set off on this path freshmen year doing what I do best, doing what I knew I liked. And I'd always been a bit of a geek, I'd always babbled with computers. But, I myself, perhaps ironically in retrospect, I'd always viewed the guys who were taking computer science in my high school, my friends as the real geeks. And yet, finally did, sophomore year I take this little course called CS50 which actually had scared me away my own freshman year. And I was a user assistant at the time. So, I was certainly already qualified, at least, to be among those, those geeks who I made fun of in high school.

Transferring data from cdn.cs50.net...

week 0

Introduction. Bits. Binary. ASCII. Programming.
Algorithms. Scratch. Statements. Boolean expressions.

week 1

C. Source code. Compilers. Object code. SSH. SFTP.
GCC. Functions. Comments. Standard output.
Arithmetic operators. Precedence. Associativity. Local
variables. Types. Casting. Standard input. Libraries.
Boolean expressions, continued. Conditions, continued.
Loops, continued.

week 2

Functions, continued. Global variables. Parameters.
Return values. Stack. Frames. Scope. Arrays. Strings.
Command-line arguments. Cryptography.

week 3

Linear search. Binary search. Asymptotic notation.
Recursion. Pseudorandomness. Bubble sort. Selection
sort. Insertion sort. Merge sort. Debugging.

week 4

Structures. Dynamic memory allocation. Stack and heap. Pointers. Debugging, continued.

week 5

File I/O. Forensics. Linked lists. Stacks. Queues.

week 7

Valgrind. Bitwise operators. Hash tables. Trees. Binary search trees. Tries. Huffman coding.

week 8

HTTP. XHTML. PHP. SQL.

week 9

CSS. Inheritance. JavaScript. Events, continued. Ajax.

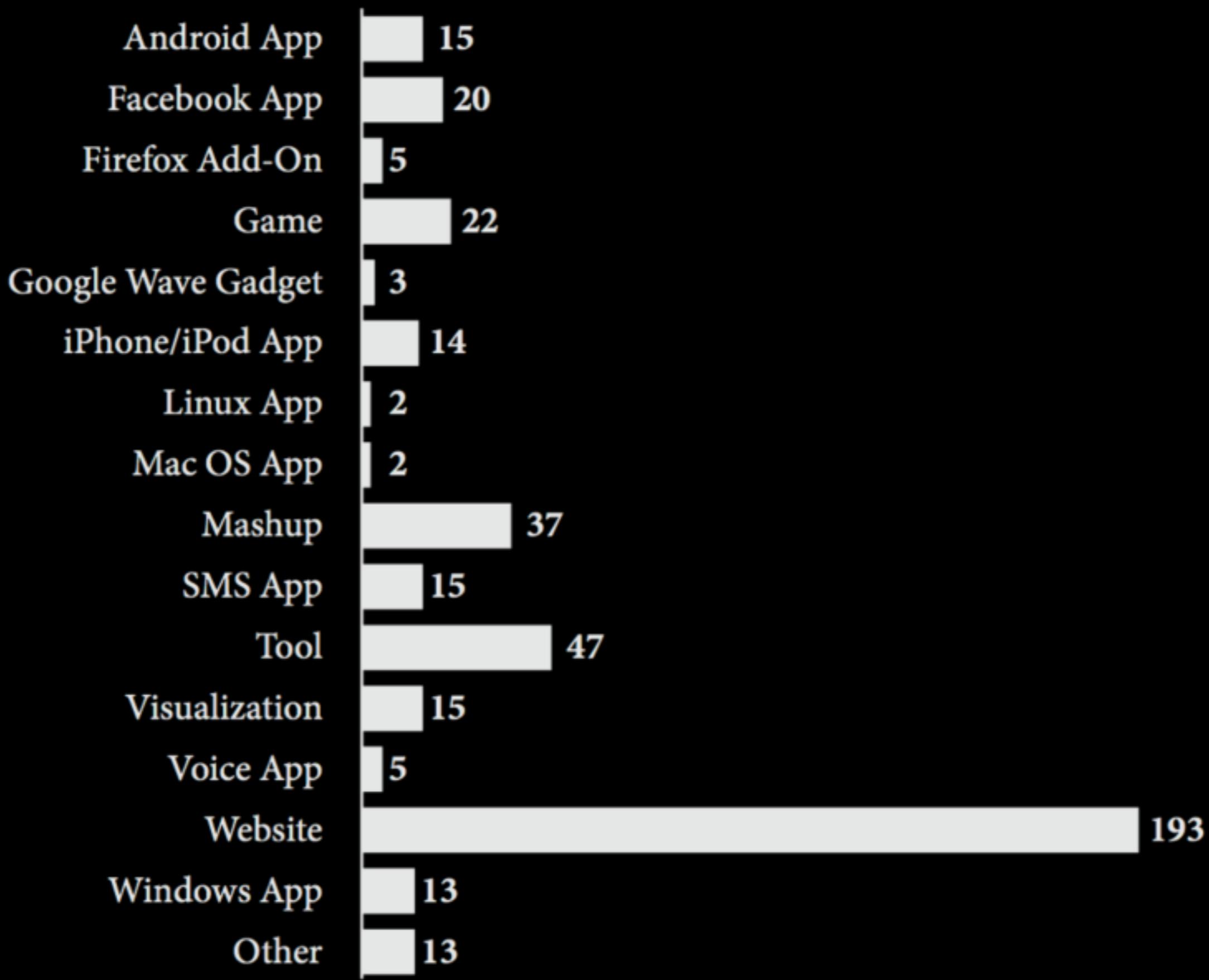
week 10

Preprocessing. Compiling. Assembling. Linking. CPUs.



THE
CS 50
FAIR

This is CS 50.









This is CS 50.

Lauren Carvalho '11

Julia Fansborough '11



hackathon

8:00pm - 6:00am

Demanding, but definitely doable.

Social, but educational.

A focused topic, but broadly applicable skills.

CS50 is the quintessential Harvard course.

I planned on taking the class as a freshman, then convinced myself otherwise because I "couldn't fit it into my workload", same story for soph, and junior year.

I finally took it senior year caus I wouldnt get another chance, even though it still doesnt fit in with the workload haha

I saw you [at the CS50 Fair]...

I went to your station to see your program.

You are my best friend, but when our hands touched as you handed me a smiley face sticker, my heart skipped a beat.

I saw you... at the CS50 fair,
you were with your friends,
wearing a tight white polo,
looking hawt.

I saw you... walking around the CS50 fair with a nametag
that said you are in the class.

You are smart and adorable, and all this time I've assumed
you were dumb and adorable.

You just became so much hotter.



to be continued...

This is CS50.
This is CS220.