CS61A Final Discussion!

go.cs61a.org/ben-disc
secret word: white chocolate

Announcements

1. **Review opportunities available**
   a. CSM/HKN Review Sessions (soon ™)
   b. Topical review sessions (throughout next week, calendar will be posted on Piazza)

2. HW8 due tonight
3. HW9 due next Thursday
   a. Very chill, just some surveys + free points

4. Please fill out course evals
   a. There will probably be some sort of extra credit for doing so

Today's Agenda

1. **Looking to the future**
   a. Joining course staff!
   b. Cool CS classes to take
   c. Small Q&A for related questions

2. **Final Review!**
   a. https://cs61a.org/disc/disc14/

3. **Q&A**
   a. Ask me anything!
   b. Should also be time to ask about past final questions, personal 61A questions, etc. individually

Course Staff

Opportunities to Teach 61A / CS!

Exploration

- Academic Intern (AI)
- CS 370

Joining Course Staff (for the first time)

- Join CSM as a Junior Mentor!!
- Also CS 370
- Apply as a tutor/reader (paid) -> especially during summer sessions

"Typical" timeline:
1 semester AI/370 -> 1-2 semesters tutor/reader -> TA -> (head TA -> instructor)
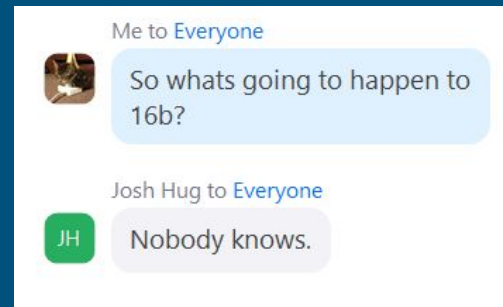
Courses

Lower div CS suggestions

61B/70: please don't take at the same time (for most cases)
You will probably get a better grade in 61B than 61A
cs61b.bencuan.me, cs70.bencuan.me

16AB: people seem to *really* dislike these but honestly they're kind of cool (I liked 16B. Also 54).

61C: Extremely cool concepts, wonderful instructors, but **very high workload** so be careful!

Data 8: still very worth taking if you haven't already!

Me to Everyone
So whats going to happen to 16b?

Josh Hug to Everyone
JH Nobody knows.

Upper Divs

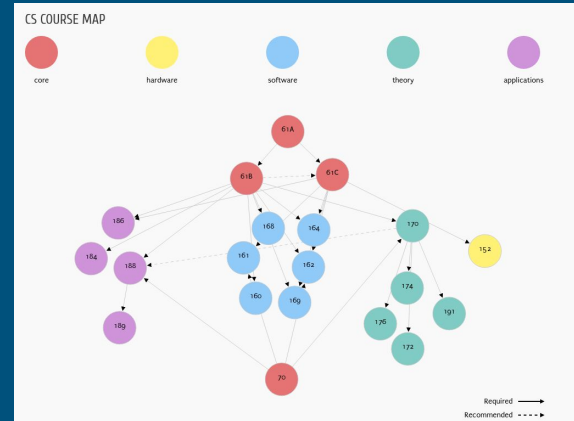**Systems:** CS 161 (security), 162 (OS), 164 (Interpreters), 168 (Internet)

AI/ML: CS 188, 189, 182; Data C102

Theory: CS 17x (**especially** 170), EECS 126/127

Applications: 160 (UI/UX), 169 (SWE), 184 (Graphics), 186 (Databases)

Architecture: 151, 152, EE classes

https://hkn.eecs.berkeley.edu/courseguides

Non-CS Classes

Some math/tech stuff:

Probability: (70), Stat 134, Data 140, EECS 126
Ordered by difficulty ^
Taking 70 and 140 together is really awesome

Linear Algebra: (16A), Math 54, Math 110, EECS 127
My favorite kind of math, and immensely important for data/ML/AI

Multivariable Calculus: Math 53

Data: Data 100 (more regex, use python for DS/ML/Big Data, fun stuff!), Data 102

Chill classes to take:

Linux SysAdmin Decal (shameless self promo lol) - will be back sometime soon (decal.ocf.io)

Psych 1 - find out what all the hype is about!

Astro C10 - one of the must-take classes at berkeley

Music 158A - fun computer music stuff, no music background needed

I can throw out some more random classes upon request

Some general advice

Some general advice

- Take math, math is fun
- It's ok to do less and have lots of free time too
- Get sleep pls
- Eat good food sometimes too

Final Review

Q&A!

Ask anything!

    i.   ...about course staff/AI experience

    ii.   ...about declaring CS / double (triple???) majoring / (not) dying in upper divs

   iii.   ...about two of the coolest clubs on campus (CSM/OCF)

   iv.   ...about how to solve a rubik's cube blindfolded (idk lol)