Computational Structures in Data Science

Ask Me Anything

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Announcements/Reminders

- Double check the calendar during RRR week.
- We will be releasing a grade report soon. Please double check gradescope
- Self-Check Grades:
  - There are 26 lectures
  - 4 "Lecture 99" Self Checks (open until 12/12)
  - Max of 20 points in the self-check category.

Join Ed

https://eecs.link/ed -- EECS 101 Ed

https://eecs.link/data-ed DATA 001 Ed

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My Background

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- 2015: L&S CS Graduate
  - I TA'd CS10 for 3 years
  - Summer Instructor Summer 2015
- 2015-2016: MS CS (CS Education area)
  - Built some autograding stuff for CS10.
- 2016-2021 (ish)
  - Engineer at Gradescope
- 2019-Now
  - Lecturer at Berkeley

Don't have Expensive Hobbies...

- Photography (https://mball.co)
- Travel
- I do enjoy programming for fun!
  - https://github.com/cycomachead/uc-salary-data
    - Interactive Notebook
  - https://github.com/agenel/heatmap-apple-activities
    - I don't have an image of my walks, but this is a fun thing to do with data.
- Coffee, Cocktails:
  - Reading: James Hoffman, Garret Richard (Tropical Standard), Dave Arnold (Liquid Intelligence), Alex Day+David Kaplan (Cocktail Codex)

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(Serious-ish) Ed Questions

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Question

How do I most efficiently learn coding (both in C88C and into the future) as a humanities major? I feel as if the concepts are not sticking - are there any heuristics and differences in approach that I should keep in mind when problem-solving and learning?

Find Personal Projects

Data Science / Digital Humanities are a great combo!

Question

How do you go about teaching yourself a skill in coding that you don't yet know? I'm working on a project for fun and teaching myself MATLab and other techniques and feel a little in over my head. I would love to hear more about how you recommend we teach ourselves things outside of a formal class.

Question

If you had to be honest, it still worth it to do a data/computer science major at this moment with the new AI tools that are coming out and getting better daily? (Not sure if you've heard of this but there's something called Google Antigravity and I used it to build a website that tracks flights in real time and it made the entire thing with just me describing it in plain English.) tldr: I'm worried if there's a career path for Data/Computer science students in the future with the rise of AI.

Question

As a transfer student, how do I catch up to 4 year students in terms of technical skills in time? It feels like most formal opportunities are shut out to anyone without significant upper div coursework + a few personal projects and by the time I get there it'll be graduation day.

Question

How did you know DS/CS was the right field for you? Did you know what you wanted to be when you were in college? I feel like I'm still struggling knowing what I want to do in the world

Question

how did you get more experience in the field before you became a professor? how did you know that you wanted to teach and not use your data experience to do only research instead?

Question

Question

How is Data 100 different from CS 61B? Should I take one before the other

Question

https://cdss.berkeley.edu/academics#academicenrichment

https://cdss.berkeley.edu/data-science/student-opportunities

Data Science Discovery

Careers aren't forever.

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Fun Ed Questions

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Question

Do you play video games, and if so, what's your favorite game and why?

Casual Games

Pokemon Go

Question

What is the maximum appropriate number of chicken nuggets to eat in one sitting in your opinion?

(This is now a meme question!)

Question

what are your top berkeley/bay area eats?

Dalian (N. Shattuck), Dough Zone will probably be up there

Cheaper: Artichoke (It's better at 2AM...)

Fancy: Ippuku (Center), Comal

Bay Area: Gott's Roadside, Mendo Farms, Sightglass Coffee, Andytown Coffee (SF only)

Question

Are there going to be data c88c stickers? :'D

Question

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(Un)solicited Advice

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Sam Bankman-Fried Is Found Guilty of 7 Counts of Fraud and Conspiracy

The case against the founder of the failed FTX exchange had come to symbolize the excesses of the volatile cryptocurrency industry.

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The FTX founder Sam Bankman-Fried, shown in February, was convicted on Thursday after a federal jury in Manhattan deliberated for more than four hours. Hiroko Masuike/The New York Times

Who's Who in the Elizabeth Holmes Trial

Erin Woo
📍 Reporting from San Jose, Calif.

Tyler Shultz and **Erika Cheung** are former Theranos employees and were whistle-blowers. They worked at the start-up in 2013 and 2014. Shultz is a grandson of George Shultz, a former secretary of state who was on the Theranos board.

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Jeff Kravitz/FilmMagic, via Getty Images

Question

Question

Question

Question

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THANK YOU!

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Anything Else?

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