Computational Structures in Data Science

Ask Me Anything

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Announcements/Reminders

- Double check the calendar during RRR week.

Join Ed

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

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

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Class-Related Questions

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Question

Do we need to know the domain and range of functions from the describing function unit? If so, what are the important parts about that

A. Yes, but basics.

Domain: what values should the function accept (lists, etc)

Range: what are the valid types of outputs?

Question

What 5 things would you say you would prioritize putting on your final cheat sheets?

A. Things you often feel like you forget. Take a practice test w/o help – what stuff do you wish you have?

5 pages is too much – write a lot, then re-write to condense it.

Question

What is your method for understanding what a question is asking you to do? This is usually the hardest part for me

A. Domain and rage are a huge help.
Usually 3 parts:

• Doctests

• a written example description; a "story"

• a generic description

Can you walk us through the hardest past exam question you've encountered? How would you begin to think about it?

A. Wednesday! Suggest some on Ed today.

Question

If you were to guide someone who knows absolutely nothing about object oriented programming, how would you suggest they learn it in a week? Any practice/study tips?

A. Skim textbook + Python Docs, then try small examples (no inheritance), then learn "jargon" like magic methods, class vs instance variables, then Inheritence

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(Serious-ish) Ed Questions

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Question

What advice do you have for students who began their CS journey late? I am an Econ major in my fourth year and just began doing the DS minor and would like to continue to explore CS

Question

What current research do you anticipate will make the most gains?

Question

How do you anticipate AI changing the future of CS industry + what can we do as students to keep ourselves marketable/relevant when entering this industry soon?

See more: https://eecs.link/sp25-cs-ai

Question – Various Opportunities

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

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

https://cdss.berkeley.edu/discovery/get-involved/student-researchers

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Fun Ed Questions

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Question

What is the worst programming language? (be brutal)

Question

If you could add a new ant type to the Ants v. Some Bees project, what ant would it be?

Question

what fun things should we do before graduating from Berkeley?!

Question

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

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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.

🎁 Share full article   ↪   🔖   💬 466

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
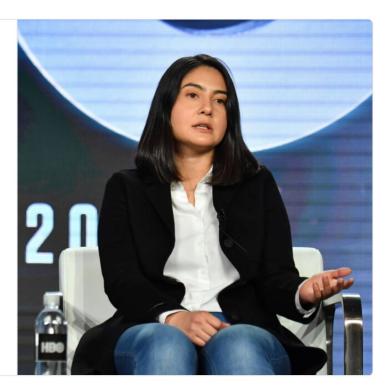
Other Corporate Scandals... Bears doing Good [NYT]

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

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Anything Else?

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