CSE 121 – Lesson 19

Elba Garza & Matt Wang

Winter 2024

TAs:
Abby	Aishah	Anju	Annie	Archit	Ayesha	Christian
Hannah	Heather	Hibbah	Jacob	James	Janvi	Jasmine
Jonus	Julia	Lucas	Luke	Maria	Nicole	Shananda
Shayna	Trey	Vidhi	Vivian			

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Today's playlist:
CSE 121 24wi lecture beats :D

Announcements, Reminders

- Resubmission Cycle 7 update: *all assignments eligible for resubmission*
  - Closes on Thursday, March 14

- Final Exam: **Tuesday, March 12th 12:30pm-2:20pm**
  - TA-led Final Review Session Monday, March 11th 4:30pm-6:50pm in SMI 120
  - Seating charts have been posted!

- Bob Bandes TA Award nominations open!

- IPL closes **Friday, March 8th**; Instructor office hours too!

- Course evaluations for A and B lecture close **Sunday, March 10th**
  - Current response rate: 18%/13% ☹

- Gigi (& friends) Visit on Monday, March 11th 1:00pm-3:00pm

Applications of CS

or "What can I do with what I learned?" – outside of just "write code":

- *Detect and prevent toxicity online* & *recognize disinformation*

- *Help deaf & hard-of-hearing people identify sounds*

- *Develop a* *programming language that celebrates the world's languages*

- *Build* *battery-free robots* & *put them on insects* (and… *track muder hornets*?)

- *Computational knitting* & *carpentry*

- *Create an interactive atlas of millions of refugee experiences*

- *Fix Olympic badminton* & *identify cheating in chess*

- *and so much more!*

Future Courses

or "What can I do next?"

Non-majors

Course	Overview
CSE 154	Intro. to web programming (several languages)
CSE 160	Intro programming, data analysis (Python)
CSE 163	Intermediate programming, data analysis (Python)
CSE 180	Introduction to data science (Python)
CSE 373	Data structures and algorithms (in Java)
CSE 374	Low-level programming and tools (C/C++)
CSE 412	Intro to Data Visualization
CSE 416	Intro. to Machine Learning

More 12X!

Course	Overview
CSE 122	Introduction to Computer Programming II
CSE 123	Introduction to Computer Programming III

Majors

Course	Overview
CSE 311	Mathematical foundations
CSE 331	Software design/implementation
CSE 340	Interaction programming (mobile dev!)
CSE 341	Programming languages
CSE 351	Low-level computer organization/abstraction 😉

Other tech-related majors:
Informatics, ACMS, HCDE, Electrical & Computer Engineering, …

See: https://www.cs.washington.edu/academics/ugrad/current-students and https://www.cs.washington.edu/academics/ugrad/nonmajor-options/nonmajor-courses

Frequently Asked Questions

- *How can I get better at programming?*
  - Practice!
- *How can I learn to X?*
  - Search online, read books, look at examples :)
- *What should I work on next?*
  - Anything you can think of! ([Here are some ideas](#))
  - [Beware](#): it's hard to tell what's easy and what's hard.
- *Should I learn another language? Which one?*
  - That depends–what do you want to do?
- *What's the best programming language?*
  - 😠 (take CSE 341 or CSE 413)
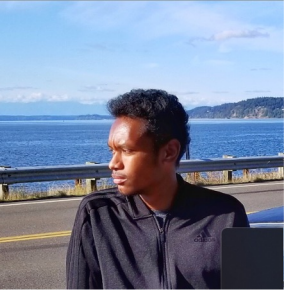
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Aside: Cute Programming Language Logos
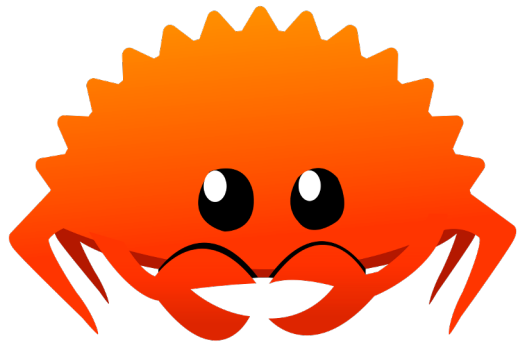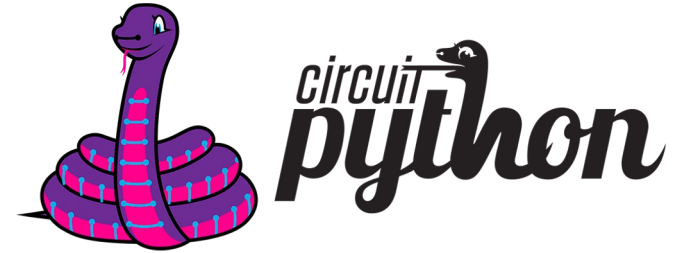
Thank your TAs!!!!

Thank you!

Ask Us (Almost)
Anything!

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