

Thanks for the Quarter!

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Thank your TAs!



Learning Objectives

or, “What did I learn in this class?”

Seven themes:

- Computational Thinking
- Code Comprehension
- Code Writing
- Communication
- Testing
- Debugging
- Ethics/Impact

Applications of CS

or “What can I do with what I learned?”

- Detect and prevent toxicity online
- Digitize basketball players
- Help DHH people identify sounds
- Figure out how to best distribute relief funds
- Recognize disinformation online
- Make movies
- Improve digital collaboration
- Fix Olympic badminton
- And so much more!

Future Courses

or “What can I do next?”

CSE Majors

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

Non-CSE Majors/Open to All (*)

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

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
 - Start with something that already works (try [github](#)), then make changes!
- 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/CSE 413)