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

sli.do #cse121-19

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

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

Majors

<table>
<thead>
<tr>
<th>Course</th>
<th>Overview</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSE 122</td>
<td>Introduction to Computer Programming II</td>
</tr>
<tr>
<td>CSE 123</td>
<td>Introduction to Computer Programming III</td>
</tr>
<tr>
<td>CSE 311</td>
<td>Mathematical foundations</td>
</tr>
<tr>
<td>CSE 331</td>
<td>Software design/implementation</td>
</tr>
<tr>
<td>CSE 340</td>
<td>Interaction programming (mobile dev!)</td>
</tr>
<tr>
<td>CSE 341</td>
<td>Programming languages</td>
</tr>
<tr>
<td>CSE 351</td>
<td>Low-level computer organization/abstraction 😊</td>
</tr>
</tbody>
</table>


Other tech-related majors:
Informatics, ACMS, HCDE, Electrical & Computer Engineering, …
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)
Aside: Cute Programming Language Logos

- Python
- Deno
Thank you!

Ask Us (Almost) Anything!

sli.do #cse121-19