

Jeffrey Zhang

Third Year Computer Science Major at UCSC

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Education

SEPTEMBER 2017- JUNE 2021 (EXPECTED)

B.S Computer Science/ University of California, Santa Cruz Santa Cruz, CA

3.8 Foundation Computer Science courses GPA

Relevant Coursework:

CMPS11: Intermediate Programming in Java

CMPS12B: Data Structures in Java and C

CMPE 16: Discrete mathematics

CMPE 80N: Introduction to Networking

3.6 Cumulative UC GPA

CMPE12: Computer Systems and Assembly Language

CMPS101: Algorithms and Abstract Data Types

CMPE110: Computer Architecture (In progress)

AMS 131: Probability Theory (In progress)

Skills

Programming: Java, C, HTML, Assembly, Git, Python(Familiar)

Software: Adobe Premiere Pro, Adobe Photoshop, Adobe Lightroom, Microsoft Office Suite

Operating Systems: Windows, MacOS, Linux, iOS, Android

Others: Data Structures, Networking, Logic design, Software troubleshooting, Proficient in Chinese

Projects

May 2019

Matrix calculator/ Java

- Created an executable Java Calculator that can take 2 matrices inputted in an input.txt file and then able to do addition, subtraction, multiplication, transpose, and scalar multiply.
- The inputs are inputted in the console in the format (x coordinate, y coordinate, value) and then stored in doubly linked lists rather than simulating a 2D array thus saving space and improving calculation efficiency.

January 2018

Lunar Lander / Java

- Created a game similar to the original lunar lander with a functional GUI
- Used processing to implement mouse/keyboard controls and

April 2019

Word sorter/ Java

- Takes in inputs in an input.txt file and utilizes a space delimiter to separate individual words
- Uses a bi-directional queue as a data structure
- Compares words to each other by utilizing the insertion sort algorithm
- Output to a separate .txt file with every word in a lexicographic order separated by a space

October 2018

Project/ Java

- Something
- Something
- Something
- Something

Activities

MAY 2018 – OCTOBER 2018

College Guide / UC Santa Cruz Activities Office Santa Cruz, CA

- Helped plan Welcome Orientation and Welcome Week events for 600+ freshman
- Supported first-year students throughout the academic year as mentors by helping them explore academic life, college involvement, and the diverse UC Santa Cruz community
- Did logistic work with housing department and help coordinate freshman move-in
- Worked closely with the Residential Assistants (RAs)

JULY 1999 – CURRENT

Living Life to the Fullest/Location Somewhere

- Something
- Something
- Something
- Nice