Max X. Lin

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EDUCATION

UC BERKELEY
B.A. Computer Science
Expected May 2021
GPA: 3.662 / 4.0

SKILLS

PROGRAMMING
Java • Python • C • SQL •
RISC-V • HTML • CSS

COURSEWORK

CURRENT
CS161: Computer Security
CS186: Databases
CS188: Artificial Intelligence

COMPLETED
CS170: Efficient Algorithms
CS70: Discrete Math & Probability
CS61C: Machine Structures
CS61B: Data Structures
CS61A: Structure & Interpretation of
    Computer Programming
Data100: Principles and Techniques
    of Data Science
Data8: Foundations of Data Science
EE16A/B: Designing Information
    Devices and Systems I/II
Math54: Linear Algebra
Math53: Multivariable Calculus

LINKS

GitHub: github.com/xmaxlin
LinkedIn: /in/maxxianglin
Website: xmaxlin.github.io

EXPERIENCE

UC BERKELEY EECS | Tutor
June 2019 – August 2019 | Berkeley, CA
- Course tutor for CS61C (Machine Structures)
- Assisted students on homework, projects, and lecture material
- Led small group sections of 5-10 people every week
- Prepared lessons going over C basics, RISC-V, CPU Datapath, Pipelining, Caches, Data-Level Parallelism, Virtual Memory

Computer Science Mentors | Junior Mentor
February 2019 – May 2019 | Berkeley, CA
- Junior mentor for CS61C (Machine Structures)
- Helped students with lecture material
- Led a small group section of 6 people every week

UC BERKELEY EECS | Academic Intern
June 2018 – August 2018 | Berkeley, CA
- Lab assistant for CS61B (Data Structures)
- Assisted students on homework, projects, and content material

PROJECTS

World Gen | Soda Hacks 2018
- Interactive 2D game where player action affects the environment
- Intended to show the effects society has on wildlife

Bear Maps | CS61B Project
- Java mapping application of Berkeley
- Designed using A* algorithm to find shortest routes
- Implemented resizing effect for scrolling on map interface

Labyrinth Game | CS61B Project
- Interactive 2D labyrinth game
- Randomly generates rooms and walls with randomized keys and exit door
- Implemented save states to save progress and resume later

AWARDS AND HONORS

May 2019	1st Place CS170 Coding Competition
April 2017	1st Place PiE High School Robotics Competition