
TECHNICAL SKILLS

- Tools and Languages: **Python, Java, C++**, HTML, CSS, Assembly, Bash, Git, Unix, Linux.

EDUCATION

San Diego, United States	University of California, San Diego	Fall 2019 – (June 2023)
• B.S. in Computer Science.		<i>GPA: 3.3</i>
• Relevant Coursework: Java & OOP, Data Structures & OOD, Systems Programming, Software Engineering, Recommender Systems & Web Mining, Interaction Design*, Operating Systems* .		

PROJECTS

San Diego Zoo Route Planner	UCSD CSE 100 SP22
• https://github.com/HuangMichael94/ZooSeeker/	
• Worked within a scrum team to develop solutions to improve zoo visitor navigation.	
• Developed an Android app that interacts with the Google Maps API to plan routes between zoo exhibits.	
• Extensive focus on testing with JUnit and RoboElectric .	
• Used story point estimation using the Fibonacci and scrum poker methods.	
• Regular standups, sprints, retrospectives, and task estimation.	
• Implemented user stories are defined by San Diego Zoo staff to fulfill acceptance criteria.	
BestCities4CS Research Project	UCSD COGS 108 SP20
• https://github.com/HuangMichael94/BestCities4CS-Research-Project/	
• Analyzed the best place to live by salary for UCSD computer science undergrads completing their studies.	
• Implemented methods of data cleaning, sorting, and summarization with Pandas .	
• Conducted web scraping of Glassdoor job postings using Selenium .	

EXTRACURRICULAR AND VOLUNTEER EXPERIENCE

Software Engineering Tutor	Citrus Valley High School	August 2017 – June 2019
• Taught students software engineering practices and the fundamentals of Java and OO design .		
• Orchestrated a class project to program CoDrones with Arduino for racing and parkour course navigation.		
• Collaborated with faculty to develop and refine AP Computer Science Principles curriculum and teach Javascript, HTML and CSS to overachieving students.		
Robotics Technician	Citrus Valley High School	August 2015 – June 2016
• Worked in teams to design and build robots and compete in the 2016 VEX Robotics competition.		
• Guided team members with the designing and building process of the robots.		
• Directly responsible for inventory management and hardware upkeep for several classes of engineers.		

EMPLOYMENT

Resident Counselor	Musiker Discovery Programs	June 2022 – July 2022
• Served as a program/event coordinator, academic advisor, conflict mediator and liaison between students, faculty, and administration for student life at Georgetown University.		
Customer Service Associate	Lowe's Home Improvement	January 2021 – May 2021
• Worked with professional clients to identify and resolve credit and technical product issues.		
• Helped management with housekeeping duties during busy periods to improve department productivity.		