
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 2024)
• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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.		