Ziming Wang

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Technical Skills

Languages: Java, Python, MySQL, HTML5/CSS, JavaScript(React), Selenium(Automation Testing Framework)
Developer Tools: Git, Google Cloud Platform, VScode, IntelliJ, Eclipse

Education

San Francisco Bay University	Fremont, CA
Master of Science in Computer Science	*Jan 2023 to Mar 2024*
San Francisco State University	San Francisco, CA
Bachelor of Science in Computer Science	*Sep 2019 to June 2022*

Work Experience

Article writer of CS Instructions on STEM Time for K-12 children   Mar 2022 - Aug 2022
- Wrote articles with step-by-step instructions of a certain activity such as how to write a function in Java. Every articles are written individually and include pictures for instruction. The submission is weekly and each of the articles is at least 600 words.

Main Courses

Computer Science
- CSC 0645-01 Computer Networks
- CSC 0656-01 Computer Organization
- CSC 0667-02 Internet Application Design and Development
- CSC 0648-01 Software Engineering
- CSC 0675-02 Introduction to Database Systems
- CSC 0600-01 Programming Paradigms and Languages
- CSC 0413-02 Software Development

Mathematics
- MATH 0325-01 Linear Algebra
- MATH 0425-01 Applied and Computational Linear Algebra
- CSC 0520-01 Theory of Computing
- CSC 0510-01 Analysis of Algorithms

Projects Experience

TCP/UDP Centralized Client-Server Network   Oct 2021 – Dec 2021
- Developed a project which was a basic TCP network app that can achieve simple functions of sending messages, describing a weighted map of the network, and storing and searching user information such as name and student ID. It uses python3 and the CDMA protocol.
- The project was a basic command-line TCP/UDP Server-Client architecture network to provide multiple services such as: Get Users List, Send a message, Get user message, Broadcast a message with CDMA protocol, Get routing table of the client to multiple clients.
- Used Python 3.7 as the back-end language and MySQL as the database management language.

Fithub(Platform for Group Exercise Events) | *Front-end and web designer*   June 2021 – Aug 2021
- Developed a website for group events posting, enrolling, and management.
- The platform can: manage group events, showing social information, online chatting. etc.
- Used Jsx(JS + HTML5) as front-end language, express.js as back-end language and MySQL as Database management language.
- Main Contributions: Finished the features of Events management, User Profile, and Log in with React as one of two front-end members. Debugged back-end node.js code as the code reviewer. Wrote the UI mock up (version 1 3), QA test plan and report, Usability test and report