Johnson Tong

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EDUCATION

Bachelor of Science in Computer Science   Expected May 2023
California State University, Fullerton   3.96/4.0 GPA - Dean's List

EXPERIENCE

Software Engineering Intern   10/2021 - 12/2021
The Block Crypto - Remote
- Worked on an image generation app in Vuejs and Amazon S3 to satisfy image requests for over 20 members of the writing team
- Added page previewing feature to the main website for writing editors
- Refactored parts of main website codebase to make future development more efficient

Supplemental Instruction Leader - Math and Computer Science   08/2020 - Present
California State University, Fullerton
- Planned and facilitated study sessions for groups of 5 to 10 students for Calculus II, Introduction to C++, Data Structures, and Assembly two times a week.
- Received positive feedback from students reporting increased understanding and scores.

ACM Workshop Manager   01/2021 - 05/2021
California State University, Fullerton
- Organized and conducted workshops for over 20 students on topics including Git and Github, web development, and Python.

SKILLS AND TECHNOLOGIES

C++ , HTML, CSS, JavaScript, React, Vue (Proficient),
C, Docker, Python, Node, MATLAB, Mongoose, Git, Github, Linux, Java, MySQL, PHP, Autocad, Solidworks (some experience)

PERSONAL PROJECTS

Lion Lango - Mongoose, React, Redux, Express, Nodejs   04/2021 - 08/2021
- Designed app for users to practice speaking languages while watching TV shows
- Developed frontend with Redux and React.
- Implemented backend and user validation with Google login and Mongoose.

Graphical Animations - Java   01/2021 - 05/2021
- Created animations of the Solar System and a cat chase using graphical mathematics and Java GUI libraries

Battleship Game - MATLAB   02/2020 - 05/2020
- Organized and planned with two other students in developing a Battleship game as the primary programmer
- Implemented multiple game modes with different difficulties