Jared Pope

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EDUCATION

California State University, Fullerton   Fullerton, CA
Bachelor of Science in Computer Science. GPA: 3.89   *Aug. 2021 – May 2024*

Riverside City College   Riverside, CA
Math and Science, A.S. Communication, Media and Languages, A.A.   *Aug. 2015 – May 2018*

EXPERIENCE

Instructional Student Assistant   August 2023 – Present
California State University, Fullerton   *Fullerton, CA*
- Conducted code reviews, providing constructive feedback and ensuring code quality, for assignments and exams in Assembly and Object Oriented Programming courses.
- Provided constructive feedback on student assignments to facilitate learning and improvement.
- Collaborated with professors to maintain grading consistency and adhere to established criteria.
- Attended regular meetings with the teaching team to ensure alignment in grading procedures and course objectives.

Warehouse Technician   June 2015 – August 2018, December 2020 – May 2021
Riverside Medical Clinic   *Riverside, CA*
- Maintained inventory levels for a surgery center totaling $1 million
- Utilized a database system to track inventory, order supplies, and maintain accurate records of transactions
- Collaborated with Doctors and Nurses in a fast-paced environment to implement new processes that enhanced inventory management efficiency and reduced waste

PROJECTS

MoneySync | *Firebase, Express.js, React.js, Node.js*   October 2023 – November 2023
- Designed and developed a user-friendly full stack financial tracking website utilizing the FERN tech stack, demonstrating expertise in industry trends and best practices.
- Established a robust back-end infrastructure with Firebase, Express.js, and Node.js, ensuring data integrity and security. Established a dynamic front-end using React.js, ensuring a responsive design for seamless user interaction
- Developed a secure RESTful API with Axios. Enabled users to seamlessly Sign Up, Sign In, and add/manage financial information through various HTTP endpoints.
- Configured and managed DNS settings to associate the user-friendly domain name (www.moneysync.onrender.com) with the hosted application, ensuring easy access for users.

Chess | *C++, wxWidgets, Git*   June 2023 – August 2023
- Developed a Chess application in C++ utilizing the wxWidgets framework to create a user-friendly UI and enhance user experience.
- Implemented standard Chess rules, including legal moves, draws, and checkmates.
- Highlighted legal moves upon piece selection to assist player decision-making.

Code Racer | *HTML, CSS, Javascript, Firebase, Git*   August 2022 – December 2022
- Led the development of CodeRacer, an engaging web-based game aimed at programmers looking to enhance their typing speed and accuracy while learning about popular programming algorithms.
- Constructed a real-time statistics dashboard using Firebase, presenting performance metrics such as Words Per Minute, Characters Per Minute, accuracy, and lifetime achievements.
- Enabled user customization by implementing a theme system, allowing players to personalize their CodeRacer experience.
- Created a login system using an AES 256-bit encryption method, prioritizing user privacy and data security. This encryption method fortified the integrity of sensitive user information.

TECHNICAL SKILLS

Languages: C, C++, C#, Java, Python, JavaScript, TypeScript, Assembly, Lua, HTML/CSS, Go
Web technologies: Node.js, React.js, Flask, Django, Express.js, Svelte, jQuery, REST, GraphQL
Developer Tools: Git, Linux, Firebase, SQL, MongoDB, Agile, Scrum, Trello, Docker, Figma, Bootstrap