Matthew Wong

✉ matthew@thewongcode.net

www http://thewongcode.net

in linkedin.com/in/wongcoder

○ github.com/wongcoder

EDUCATION

Arizona State University
Computer Science, B.S
2016 – 2020

SKILLS

Languages

- C++, Java, SQL, Swift, Python, Javascript

Technologies

- AWS, Git, Unix/Linux, Agile, JIRA

Frameworks

- React.js, Node.js, Rails, Express, MongoDB,

EXPERIENCE

Amazon | Software Development Engineer I
February 2020 - Present

- Doubled the visibility of report traffic after architecting a new page to display daily results that would be generated from a user report.
- Improved gross sale metrics after using internal APIs to translate seller product reports to seller's native languages.
- Increased report adoption rate and seller count by over 2% after designing and implementing brand new report customization options for thousands of sellers.
- Saved hundreds of hours by pioneering and demonstrating the first page that utilized different models for sellers across 15 different teams within Amazon.

Rockford Corporation | Software Developer Intern
Tempe, AZ / September 2018 – December 2019

- Unified multiple segregated and buggy applications by designing the full stack for a new app using React Native and Redux.
- Improved the average rating from 1.90 to 2.72 and reduced customer support calls for PerfectTune Android from 10 per month to 1 by analyzing customer complaints and redeveloped critical functionality in a matter of three weeks.
- Enhanced code legibility and efficiency by completely rewriting an Arduino codebase, implementing a task scheduler and coding practices.
- Reduced query time for a critical product testing database by over 100% after excess inner joins were removed due to a complete redesign from OracleSQL to MongoDB.

PROJECTS

General Dynamics | Senior Year Capstone Project
Tempe, AZ / February 2019 – December 2019

- Pioneered the future of deployments in General Dynamics by designing a multi-cloud, vendor agnostic solution with Azure, AWS, Docker, and Ansible.
- Designed and programmed the front-end for an application to be presented to key staff at General Dynamics with React and OpenLayers by leading the front-end division in a team of 6.
- Increased productivity throughout the team through the use of KANBAN and Agile tools as the scrum master.