

Matthew Wong

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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, SQL

EXPERIENCE

Amazon | Software Development Engineer II

February 2020 - Present

- Created a new experience for thousands Amazon Business sellers after leading the development and architecture for a product price recommendation report.
- Reduced developer onramp time by 80% after introducing new methodology for cross-region/VPC calls.
- Increased report adoption/utilization rate by over 50% after designing and implementing brand new report customization options for thousands of sellers.
- Dramatically improved customer and seller experience after altering shipping paradigms through a new business hour delivery widget.

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.