


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

Tempe, AZ / February 2020 – Present

- Uplifted the usage of a new product recommendations report by 80% after leading and coordinating the development and launch of a new JSON report to be used by sellers through the Selling Partner API.
- Reduced amount of time developers need to create and connect new services by 80% after introducing new methodology for cross-region/VPC calls, which consolidated three different services across Amazon into one.
- Increased business price utilization rate by over 10% after leading the design for a new business discount insights page, which would recommend sellers to adopt unique business prices for B2B customers.
- Dramatically increased the rate at which customers would receive packages during business hours with the creation of a new business hour delivery widget after designing and architecting multiple high throughput APIs across multiple 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.
- 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.