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**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.

**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.

**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.

**SKILLS**

*Languages*

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

*Technologies*

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

*Frameworks*

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

**Arizona State University**

Computer Science, B.S

*2016 – 2020*

Matthew Wong

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**EDUCATION**

**EXPERIENCE**