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**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.

**PROJECTS**

**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.

**Amazon** | Software Development Engineer II

*Tempe, AZ / February 2020 - Present*

* 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.
* Uplifted the usage of a new product recommendations report by 100% after leading and coordinating the development and launch of a new JSON report to be used by sellers through the Selling Partner API.
* Reduced development time for creating and connecting new services by 65% after introducing new methodology for cross-region/VPC calls, consolidating multiple services across Amazon into one.
* Increased business price utilization rate by over 5% after leading the design, creation, and implementation for a new business discount insights page, which recommends sellers to adopt unique business prices for B2B customers.

**EXPERIENCE**

**SKILLS**

*Languages*

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

*Technologies*

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

*Frameworks*

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

**Arizona State University**

Computer Science, B.S

*2016 – 2020*

Matthew Wong

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**EDUCATION**