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**Arizona State University** | Undergraduate Teaching Assistant

Introduction to Programming Languages

*Tempe, AZ / December 2017 – May 2018*

* Dramatically improved student understanding and test results by hosting and leading multiple review sessions throughout the semester on C++ lectures for a class of 70.

**OpenChef** | Rails & Vue.js

*February 2019 - Present*

* Engineered a matchmaking system for people who want to eat out—but don’t want to dine alone. A personal full stack project made using Rails and Vue.js.

**Roulette Simulator** | Python & C++

*August 2019 - Present*

* Roulette Simulator is a recently started passion project to develop a machine learning algorithm that can win in Roulette.

**General Dynamics** | Senior Year Capstone Project

*Tempe, AZ / February 2019 – Present*

* 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 – Present*

* Unified multiple segregated and buggy applications by engineering and designing the full stack for Rockford’s new app in development using Firebase, Express, MongoDB, 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.
* Query time for a critical testing database was reduced by over 100% after excess inner joins were removed through a complete redesign to MongoDB from OracleSQL.
* Dramatically improved code legibility and efficiency by completely rewriting an Arduino codebase, implementing a task scheduler and coding practices.

Matthew

Wong

* C++, Java, SQL, Swift, Python, Javascript
* AWS, EC2
* React.js, Node.js, Rails, Express, MongoDB
* Git, Unix/Linux, Agile, JIRA

**SKILLS**

**Arizona State University**

Computer Science, B.S

*2016 – Present*

*Expected Graduation: December 2019*

Major GPA: 3.49

Cumulative GPA: 3.36

**EDUCATION**

linkedin.com/in/wongcoder

github.com/wongcoder

**EXPERIENCE**

matthew@thewongcode.net

<http://thewongcode.net>