



# Matthew Wong

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## EDUCATION

### Arizona State University

Computer Science, B.S  
2016 – Present

*Expected Graduation:*  
*December 2019*

Major GPA: 3.49

Cumulative GPA: 3.36

## SKILLS

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

## OBJECTIVE

Fresh (soon-to-be) college graduate in search of full-time opportunities. Willing to relocate.

## EXPERIENCE

### General Dynamics | Senior Year Capstone Project

*Tempe, AZ / February 2019 – Present*

- Planned a multi-cloud solution for General Dynamics and their future projects with Azure, AWS, Docker, and Ansible.
- Oversaw the front-end division in a team of 6, and was in charge of delivering reports.
- Engineered a demo application using PostgreSQL, MongoDB, React, and OpenLayers, which was then presented to General Dynamics engineers and technology officers.

### Rockford Corporation | Software Developer Intern

*Tempe, AZ / September 2018 – Present*

- Developed and helped design the full stack for Rockford's new app in development using Firebase, Express, MongoDB, React Native, and Redux.
- Redesigned and improved critical functionality for PerfectTune, dramatically improving the rating from 2.00 to 2.89 in less than a month. Customer support calls for Android dropped from 10 per month to 1.
- Organized and designed a migration for a preexisting OracleSQL database to MongoDB.

### Arizona State University | Undergraduate Teaching Assistant

Introduction to Programming Languages

*Tempe, AZ / June 2013 – August 2016*

- Directed multiple review sessions and in-class exercises regarding pointers, and object oriented concepts in C++ for a class of 70.

## PROJECTS

### Roulette Simulator | Python & C++

*Present*

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

### OpenChef | Rails & Vue.js

*February 2019 - Present*

- A personal project; OpenChef is a full-stack application developed, coded in Rails and Vue.js, to create its own matchmaking queue for individual users—allowing them to be paired up with other people.

### QuickPlay | Swift

*February 2019 - Present*

- A mobile application designed with Swift to mimic matchmaking capabilities for older games.