

# Tyler Wong

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## Education

### California Polytechnic State University San Luis Obispo

Sep. 2013 - Jun. 2017

B.S. IN SOFTWARE ENGINEERING

- Major GPA - 3.3
- Dean's List - Fall 2014, Fall 2016, Spring 2017

## Skills

### PROGRAMMING LANGUAGES

Java, Kotlin, C, ActionScript, Swift, Python, JavaScript

### OTHER

SQL, HTML, CSS, LaTeX, Git, SVN, Jira, RxJava, MVP, REST

## Work Experience

### Boeing Global Services - Tapestry Solutions

Oct. 2016 - Present

SOFTWARE ENGINEER

- Developing and designing Flex web applications used by the U.S. Department of Defense logistics division.
- Using full-stack web technologies including an ActionScript front-end, a Java back-end and PostgreSQL database.
- Led the design of a PDF chart generation service to display N-ITV server cargo tracking information.
- Following Agile methodologies through the use of Atlassian Jira and daily standups.

### Tennis Warehouse

Jun. 2015 - Sep. 2015

CUSTOMER SERVICE REPRESENTATIVE

- Queried the company's internal database for product information and customer orders and returns.
- Strung racquets and answered customer calls about purchased products, or equipment specifications.

## Projects

### Snaption

Sep. 2016 - Present

ANDROID APPLICATION

- Creating a photo sharing social media based application that involves captioning friends' photos to compete for the funniest caption.
- Designed the application using a Model-View-Presenter clean architecture to advocate for easy maintenance and testing.
- Utilizing Kotlin, RxJava, and Retrofit to streamline development with asynchronous streams and REST API interfacing.
- Using Travis CI for continuous integration and running automated tests.

### Rebelbase

Aug. 2017 - Present

ANDROID APPLICATION

- Developing an application to interface with a Star Wars API in order to explore the latest Android libraries and technologies.
- Utilizing Kotlin, Room, Constraint Layout, RxJava, and Retrofit to learn about persistent disk storage and writing efficient layouts for the Android ecosystem.

### Cru Central Coast

Jan. 2017 - June. 2017

ANDROID APPLICATION & KEYSTONE SERVER

- Maintained an application used for ministry event planning, resources, and ride sharing for college students.
- Upgraded deprecated libraries including Support Libraries, and the transition from Google Cloud Messaging to Firebase Cloud Messaging for push notifications.
- Implemented a ride share queue that automatically paired drivers with waiting passengers using Node.js.

### Esca

Sep. 2016 - Dec. 2016

IOS APPLICATION

- Developed an application that allowed users to contribute to a map of food deals.
- Integrated CoreLocation and MapKit to notify a user if they were near a specific deal.
- Used Firebase as a backend to keep track of user activity, accounts, and deal information