

## Professional Experience

### Prospect Silicon Valley

Software Engineering and Project Coordinator Intern

Summer 2016

Santa Clara, CA

- Developed demo applications that connected Prospect Silicon Valley's Intelligent Transportation Lab and fka Silicon Valley's Simulation Lab (fka SV is an associated research group with Aachen University)
- Streamlined the client onboarding system and integrated various lead pipelines
- Conducted aggregate purchase surveys for prospective cities leasing EV Fleets

### CSchedule

Software Developer Intern

Summer 2015, 2016

Santa Clara, CA

- Developed a single page web app in HTML, CSS, and JavaScript (jQuery, Backbone)
- Explored various API's include Drop.js and Facebook login
- Designed logic of architecture involving asynchronous calls
- Applied advanced Agile principles

### TPK Touch Solutions, Inc.

Project Management Intern

Summer 2014

Xiamen, China

- Developed Project Management skills involving production of touchscreens
- Analyzed case studies concerning lifecycle of a product from DVT to fulfillment

## Campus Involvement

### Los Angeles Community Impact

Director of Internal Relations and Team Leader

Sep 2015 – Present

Los Angeles, CA

- Pro-bono consulting club at USC that works with NGOs/small businesses with multimillion dollar budgets
- As Director of IR, designed databases that aggregated past clients, project deliverables, and school resources to facilitate client acquisition and project operations
- As a Team Leader, currently managing a team for the Harold Robinson Foundation
- Past projects include small businesses, Monkey Business Café and Beat the Streets Los Angeles

### LavaLab

Developer

Sep 2016 – Present

Los Angeles, CA

- USC's highly selective student run product incubator that takes ideas into working products

## Projects

### Tommy Bot (Python, NodeJS, MongoDB)

Sep 2016 – Present

- Messenger chatbot for all things related to USC (building location/hours, menus, events, etc.)
- Currently ~ 200 messages handled daily

### Split (Swift)

Nov 2016

- Cal Hacks 3.0 project with 4 other USC students, first time using Swift and XCode
- Easy to use receipt parsing iOS app using Microsoft Computer Vision API to parse text/relative position in image
- Utilized imgur to post and host images using an HTTP POST request to their API

### Transit Priority (Java, Android Studio, Embedded Systems with C/C#)

Jun 2016

- Developed interface with android application to demonstrate applications of DSRC technology with Transit Vehicles
- Application gives priority to a Transit Vehicle at an intersection via V2R communication through modification of the standard protocol BSM broadcasted by the DSRC OBU and modification of traffic control logic to optimize traffic flow

**Skills** C++, Java (Android Studio), HTML, CSS, JavaScript (jQuery/Backbone/ReactJS/NodeJS), Python, Linux Embedded Systems

## Education

### University of Southern California, Viterbi School of Engineering

Aug 2015 – Present

Los Angeles, CA

Sophomore, Bachelor of Science in Computer Science and Business Administration

Dean's List, Academic Achievement Award

- Expected Graduation | May 2019
- Completed Coursework | Data Structures and OOD/ Algorithms/ Artificial Intelligence/ Discrete Methods in CS

### Saratoga High School

Graduated with Honors

May 2015

Saratoga, CA

- Completed Coursework | Beginning Programming Methodologies (C++)/AP Computer Science (Java)