

## Professional Experience

### Prospect Silicon Valley

Summer 2016

San Jose, CA

*Software Engineering and Project Coordinator Intern*

- > 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

Summer 2015, 2016

Santa Clara, CA

*Software Developer Intern*

- > 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.

Summer 2014

Xiamen, China

*Project Management Intern*

- > 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

Sep 2015 – Present

Los Angeles, CA

*Director of Internal Relations and Team Leader*

- > 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

Sep 2016 – Present

Los Angeles, CA

*Developer*

- > 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

### eYak (MongoDB, Express, ReactJS, NodeJS)

April 2017

- > Web application that combines the interface of Yik Yak and functionality of Piazza into an in-class discussion board
- > MERN Stack incepted at LA Hacks 2017, demoed at Scope USC to local CEOs and CTOs of LA startups

### 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), HTML, CSS, JavaScript (jQuery/Backbone/ReactJS/NodeJS), MongoDB, 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

May 2015

Saratoga, CA

*Graduated with Honors*

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