

# WILHELM WILLIE

wilhelmwillie.github.io | wwillie@usc.edu | github.com/wilhelmwillie  
(904) 600-6446 | linkedin.com/in/wilhelmwillie

## EDUCATION

### University of Southern California Los Angeles, CA

*B.S. Computer Science and Business  
Administration*

Presidential Scholarship

## SKILLS

### Languages

JavaScript, Java, Python, C++,  
Ruby, HTML, CSS, SQL

### Technologies

Node.js, Express, Rails, Flask,  
Angular, React, React Native,  
MongoDB, MySQL

### Misc.

Unix, Linux, Git, UX/UI Design,  
Agile, Heroku, AWS

## ACTIVITIES

### Scope USC | Director of Projects

Community of CS students  
passionate about software  
development. Helped author a  
project-based React Native  
curriculum and guide teams to  
develop products.

### LavaLab

USC's premier product incubator and  
startup community. Members spend a  
semester ideating on solutions and  
building out potential startups

### USC ACM

USC's largest CS organization  
dedicated to providing students  
valuable CS resources (networking,  
workshops, mentorship, etc)

## EXPERIENCE

### Salesforce | Software Engineering Intern

May 2018 - Aug 2018 | San Francisco, CA

- Worked with Salesforce's Tech & Products organization to build internal web apps using Javascript and Java that centralized business processes and collected insightful employee data
- Built re-usable full-stack web components to be used in several web apps used by Salesforce's T&P organization
- Responsible for Learn++ (plusplus.co) API integration to allow external class registration data to be used within internal Salesforce systems
- Wrote several test cases and methods for our application's backends resulting in 87% code coverage

### McKinsey & Company, Digital Labs | Full Stack Developer Intern

Jun 2017 - Aug 2017 | New York, NY

- Worked cross-functionally to help design, build, and scope out a brand new customer experience web application
- Developed front-end components and services for a customer experience web application using HTML5, SASS, and Angular 2
- Helped plan the application's backend database schema and Java Spring API to ensure long-term maintainability and scalability
- Evaluated and improved our client's existing DevOps practices by introducing Git, Jenkins, and automated testing/deployment

## PROJECTS

### AuxQ | Node.js, Express, Sockets.io, React, MongoDB, Heroku

- Built a REST API with Node.js and front-end interface in React that allows users to create collaborative playlists that update in real-time via WebSockets

### SnapDrop | Node.js, Express, Vue.js, MongoDB, Amazon EC2

- Built a location based web service for photography enthusiasts to share and discover great locations for photo shoots

### Kit | Ruby on Rails, jQuery, Bootstrap, MySQL, Heroku

- Built a Ruby on Rails web app that helps beauty enthusiasts discover new products, find inspiration, and connect with brands and influencers

### Tommy Bot | Node.js, MongoDB, Api.ai

- Collaborated with other students to build a Messenger chatbot with Node.js and Api.ai that helps provide on-demand information to USC students using basic NLP

### SwipeX | React Native, Google Images API

- Built a Tinder-like mobile app that generates a deck of swipe-able cards based off a given query (ex: dogs, cars)