

## EXPERIENCE

### **Fae Interactive** Software Engineering Intern *Summer 2017*

- Designed, developed, tested responsive iOS UIs using Swift & Xcode
- Worked and collaborated on the Fae Map app's location-based services to provide more seamless and easy-to-use user experience

### **Memorial Sloan Kettering Cancer Center** Research Intern

*Summers 2014, 2015*

- Automated visualization of data sets using R, serving 30+ lab researchers
- Conducted independent research on Acute Myeloid Leukemia, assessed the disease's dependency on specific proteins

## PROJECTS

### **Tommy Bot** Co-founder and Lead Developer

*September 2016 - Present | tommybot.com*

- A chatbot on Facebook Messenger that answers hundreds of students questions about USC daily, with 47,000 queries answered
- Manage and develop all core aspects of the technology with Javascript and Python: information aggregation, natural language processing, and more

### **Duelr** *PennApps XIII submission | January 2016 | duelr.herokuapp.com*

- With a team, created a 3D multiplayer game that transforms players' phones into virtual swords, winning Plaid Prize Award
- Created front-end project components: 3D rendering, interactions, and connections using HTML, CSS, and Javascript

### **Itemify** *Fall 2015 | itemify.herokuapp.com*

- With a partner, built a webapp analyzing 150,000+ League of Legends games, determining optimal gameplay for characters
- Created website display and algorithms to aggregate, sort, and analyze game data using HTML, CSS, Javascript, and Python

## LEADERSHIP

### **Lavalab** Director of Development *May 2017 - Present | usclavalab.org*

- Assist development of a comprehensive product building curriculum, with focus on developmental aspects for USC's product incubator
- Host internal and external workshops on product development skills
- Create, maintain, and update the website and additional software

### **HackSC** Lead Developer, Branding *July 2017 - Present | hacksc.com*

- Build, design, and maintain HackSC's website, internal tools, and apps for 800+ hackers to use: live updates, mentor request system, etc.
- Work with the rest of the HackSC team to help make branding, marketing, and logistical decisions that will help HackSC run smoothly

## EDUCATION

### **University of Southern California** Class of 2020

B.S. Computer Science,  
Philosophy Minor, 3.62 GPA

## SKILLS

### **Languages**

HTML, CSS, Javascript,  
Python, Swift, C/C++, Java, R

### **Frameworks & Tools**

React, EJS, Node.js, jQuery,  
MongoDB, SQL, Heroku,  
Digital Ocean, AWS, Git

### **Software**

Photoshop, Illustrator,  
Sketch, Final Cut Pro

## AWARDS

### **USC Iovine and Young Innovation Prize** (2017)

\$10,000 for Tommy Bot

### **USC Dean's List Scholar**

Spring 2017

### **PennApps XIII Plaid Prize Award** (2016)

Innovative design for Duelr

### **LocalHackDayNY**

**Best Overall Hack** (2015)

### **TigerHacks**

**2nd Place Award** (2015)

## INTERESTS

Entrepreneurship  
Computer Security  
Data Analytics  
Hip-hop Dance (Chaotic 3)  
Photography, Videography  
Swimming, Water Polo