

EDUCATION

University of Southern California, Los Angeles, CA

Expected Grad. May 2022

- Bachelor of Science in Computer Science, Minor in Finance – Major GPA: 3.82 | Cumulative GPA: 3.45

Relevant Course Work: Data Structures and Object Oriented Design, Discrete Methods in Computer Science, Probability and Statistics for Computer Science, Algorithms and Theory of Computing, Principles of Software Development, Embedded Systems

EXPERIENCE

Software Engineering Intern, Northrop Grumman

Summer 2020

- Performed unit testing utilizing VectorCAST software for the H-1 helicopter team
- Initiated the revamping of guidelines and training for software development
- Met daily with senior software developers and demoed testing reports

Leadership Development Intern, RippleMatch

August 2020-Present

- Spearheaded growth efforts of the RippleMatch program at my university campus
- Developed marketing strategies and analyzed data to increase user traffic

Software Engineering Intern, Atlas Language Services

Summer 2019

- Executed the development of an iOS application for a startup company located in Northern Virginia
- Lead the design and writing of the app in Swift UIKit designed to connect live language translators through a video connection
- Collaborated with entrepreneur to identify key functionalities and purpose for the application
- Presented to potential investors design ideas and vision for the future of the application

Student Worker, USC Residential Customer Service

October 2018-March 2020

- Assisted fellow students and faculty in troubleshooting and resolving maintenance related issues ranging from work orders to housing reassignments
- Provided oversight of maintenance and logistics for four residential buildings with over 1500 residents

PROJECTS

SpaceTag, To The Moon and Hack MLH Hackathon

August 2020

- Used Google Cloud Platform, Radar, and Firebase to develop an iOS app that generates a long-distance and long-term games of tag

Atlas, iOS Translation Application

May 2019-August 2019

- Designed an iOS Application that connects users to a live language interpreter through a video connection
- Integrated with Google Firebase authentication API to create secure user and interpreter profiles and establish private connections for users, utilized Google Firestore, Twilio Video APIs and primarily wrote in Swift UIKit

SKILLS

Programming Languages: Fluent in C++, C, Swift; Basic knowledge in Ada, SwiftUI

Software Skills: Xcode, ClearCase, VectorCAST, Firebase, Google Cloud Platform

LEADERSHIP

Vice President, HackSC

February 2020- Present

- Working on executive team to guide a team of 15 peers to develop and plan the largest hackathon in Southern California.Overseeing Sponsorship team to raise funding for hackathon.

Director of Sponsorship, HackSC

September 2019- February 2020

- Negotiated \$85,000 in contracts and forged partnerships with sponsors for 800+ student Hackathon
- Developed sponsorship email campaigns and analyzed response rates in order to optimize success rates

Ambassador, Society of Women Engineers

September 2019- May 2020

- Selected as one of 15 student ambassadors to cultivate and inspire a community of women in engineering

Community Chair, Theta Tau Engineering Society

January 2020- May 2020

President, National Honor Society

December 2016- June 2018

AWARDS

Hopper Award – Grace Hopper Conference Full Scholarship Recipient

Fall 2020

Dean's List – University of Southern California

2019

Valedictorian (Rank: 1/542) – West Springfield High School

Class of 2018

Overall Faculty Award – West Springfield High School

Class of 2018