

EDUCATION

University of Florida Gainesville, FL
Bachelor of Science in Computer Science
Minor: Mathematics
Cumulative GPA: 3.8/4.0

May 2020

EXPERIENCE

Software Engineer Intern, The Home Depot

May 2018 – August 2018

- Created a new Address Validation common service to be used by supply chain teams at The Home Depot
- Developed the Address Validation API using Spring Boot, Pivotal Cloud Foundry and Google Cloud Platform
- Decreased the response time from 500 ms to 100 ms and decreased fail rate from 15% to 3%
- Projected to save The Home Depot 60 million dollars a year in labor reallocation and customer leads

Software Engineer Intern, Ultimate Software

January 2018 – April 2018

- Achieved indoor GPS location tracking using BLE devices and iBeacon
- Created cross platform indoor GPS location tracking mobile application using JavaScript in Ionic and Cordova
- Deployed web application for visualization of indoor GPS tracking using HTML Canvas and JavaScript

Undergraduate Teaching Assistant, UF CISE Department

August 2017 – December 2017

- Held office hours, graded exams and homework for COT3100: Applications of Discrete Structures
- Taught weekly discussion sections for over 50 students

Technical Intern, Empowered Prosthetics

May 2017 – August 2017

- Worked as an intern in a non-profit organization to minimize the cost of prosthetics for children
- Contributed to the front-end side of the new organization website
- Created a way to successfully 3D scan arms using recycled XBOX360 cameras

PROJECTS

Translit, HackFSU 2017

February 2017

- Winner of the IBM "Best Use of Bluemix" award and the MLH "Hack Harassment" award out of 65 submissions
- A real-time translation chatbot within Slack to help people from different language backgrounds break the language barrier and communicate better
- Built within 30 hours using IBM's Bluemix, NodeRed and integrated with Watson

Answereddit, HackGT 2017

October 2017

- Winner of the "Best Self-Service Hack" out of 185 submissions
- A self-service chatbot answer questions that have been answered before
- Built with Microsoft's Azure environment, Microsoft bot framework, and C#

LEADERSHIP

Marketing and Public Relations Director, SwampHacks

April 2017 – April 2018

- Increased SwampHacks social media reach by 160%
- Facilitated advertising the event to Florida students and online hackathon communities
- Worked on creating, publishing, and distributing promotional content for SwampHacks

Treasurer, UF Hackathoners

April 2017 – April 2018

- Managed reimbursements for Hackathons and contacted students with all the details and information necessary to receive a full reimbursement
- Recorded internal and external financial transactions, manage club budget

SKILLS

Computer: C++, Java, HTML, CSS, JavaScript, Matlab

Language: Chinese (fluent), English (fluent)