

## Experience

### Jabil Defense & Aerospace

#### Software Test Development Engineer

Saint Petersburg, FL

Nov 2020 - Current

- Developed 3 applications that use an Angular frontend, an ASP.NET Core api, and an SQL Server database - one for on-floor label verification, one for tracking procurement, and one for tracking test development requests.
- Improved and maintained all layers of IT infrastructure - applications, databases, servers, networks, & storage.
- Leveraged knowledge in Subversion, Angular, ASP.NET Core, SQL Server

### Motorola Solutions

#### Software Engineer Intern

Plantation, FL

May 2019 - Aug 2019

- Prototyped a cost-efficient RGB-D based RTLS, similar to OpenPTrack, by testing different RTLS's for people tracking, creating deployment models, and performing cost-benefit and feasibility analyses.
- Visualized the distance of persons from a point, based upon the strength of their phones' bluetooth signal, by using plot.ly to process data through an Azure API.
- Collaborated with a team on a hackathon project (Suspect Search) by implementing the keyword detection, speech-to-text, and natural language processing components.
- Leveraged knowledge in Git, Docker, C, C++, Python, OpenCV, Matrix Math, Azure App/Log Analytics, plot.ly, Grafana, Intel RealSense SDK & D435 RGB-D camera.

### Maven Asset Management

#### IT Administrator

Lutz, FL

Feb 2017 - May 2019

- Refined management of Windows and Linux development VM's through VMware vSphere by crafting templates, standardizing server documentation, and automating server updates and backups.
- Improved and managed company website through WordPress updates, backups, and database optimization.
- Implemented a network monitor, firewall and VPN, and centralized security administration by respectively creating a server for LibreNMS, pfSense, and Kaspersky Security Center.
- Assessed and inventoried the entire IT infrastructure by creating diagrams, supporting documentation, and advocating the use of management tools like Trello.
- Leveraged knowledge in Bash Scripting, Virtualization (VMware vSphere), Network Security (pfSense), Computer Security (Kaspersky Security Center), SQL Database Management (phpMyAdmin), cPanel, and WordPress.

## Education

### Florida Polytechnic University

Computer Science, B.S. with a Concentration in Cyber Security, *Magna Cum Laude*

Lakeland, FL

Aug 2016 - Dec 2019

**Coursework:** (*fundamentals*): Algorithms, Data Structures, OS Concepts, Networks, Project Management, Statistics  
(*favorite topics*): Computer Vision, Autonomous Systems, Software Engineering, Human-Computer Interaction

## Skills

**Language:** (*proficient*): JavaScript/TypeScript, Python, Java, C#, Git, HTML/CSS, Bash, SQL | (*familiar*): C, C++, NoSQL

**Software/Framework:** (*proficient*): Linux, Git, Angular, React, ASP.NET Core, Unity | (*familiar*): Vue.js,

**Methodology:** (*proficient*): GTD, SDLC, | (*familiar*):