

Education

Bachelor of Science in Computer Engineering
University of Central Florida, Orlando, FL
- GPA: 3.0

Dec. 2016

Technical Skills

- Front-end Dev with HTML, CSS, and JS
 - Version control using Git
 - Software Development in Java, Python, and C
 - Hardware Design in Verilog and VHDL
 - Web App Development using Django and Ruby on Rails
 - Database creation and management with MySQL and Redis
 - Experience with Agile and Scrum development
 - Experience with Linux, Windows, Mac OSX
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Experience

Field Application Engineer

July 2017 - Current

Microtips Technology, Orlando, FL

- Provided engineering support to sales managers and clients
- Developed new mobile-friendly website that increased page views by 50% from July 2017 to January 2018
- Developed and deployed a RoR web app that stores datasheet and quote information that requires user sign-up and password and uses permissions and policies based on user groups.
- Initiated marketing campaign that increased potential customer interaction and lead generation 30% during Q1 2018
- Assisted with the design process of client's products that incorporated displays
- Collaborated with team and contributed to new and creative business endeavors

Product Support Engineer

February 2017 - June 2017

Digitech Systems, Denver, CO

- Utilized VMWare to test all versions of company's software on all versions of Windows OS
- Drafted and submitted suggestions for software enhancements
- Tested new and upcoming software developed by company's QA, Engineering, and Development teams
- Troubleshoot company's software used by clients
- Provided legendary customer support for clients at all times

Web Developer

January 2017

Mac Avionics, Lakeland, FL

- Built appealing website from the ground up with mobile compatibility as a priority
- Designed clean user interface with HTML and CSS using the Bootstrap toolkit
- Incorporated JavaScript technologies using jQuery library

Senior Design (Project Manager)

Summer & Fall 2016

- Designed, prototyped, tested, and built an Automated Weather Broadcasting Station for a local airport that performed transmit radio checks and broadcasted wind conditions
- Programmed a Raspberry Pi with Python using object-oriented design
- Hosted a website on the Raspberry Pi that utilized the Django framework and HTML to present information and alter settings
- Utilized a PCB interface to connect a VHF radio and anemometer to Raspberry Pi
- Managed a team of 4 to make sure deadlines for designs, prototypes and reports were met

Operating Systems

Fall 2016

- Designed mock CPU scheduling algorithms
- Developed driver for Linux system

Processes for Object-Oriented Software Development

Summer 2016

- Developed a web application with a team of 4 that tracked the technology items checked out from the UCF Library and showed users what was available and included an email notification system
 - Utilized Python and Django framework for database storage of items and attributes
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Honors and Involvement

Eagle Scout

March 2012

Troop 113, Lakeland, FL

LEAD Scholars

April 2014

University of Central Florida, Orlando, FL