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## EMPLOYMENT

<b>Software Assistant</b>	<b>FidelitySchools.com</b>	<b>Spring 2017 - Present</b>
<ul style="list-style-type: none"><li>Implemented high-level email randomization to increase marketing mail reception rate from 21% to 94%.</li><li>Implemented rudimentary data analysis to detect desirable marketing email patterns.</li></ul>		
<b>Mobile Developer, Intern</b>	<b>Siemens Energy Sector</b>	<b>Spring 2017 - Present</b>
<ul style="list-style-type: none"><li>Starter and current lead of initiative to use Kotlin for Android development.</li><li>Front-end developer for an iOS issue-reporting application for technicians.</li><li>Redesigned and reworked the interface for an emergency phone calling application.</li><li>Implemented and presented an SSL-Pinning proof-of-concept.</li><li>Created an internal iOS barcode / QR scanner with external Bluetooth scanning support.</li></ul>		
<b>College Student Technician</b>	<b>Lockheed Martin</b>	<b>Summer 2016</b>
<ul style="list-style-type: none"><li>Worked on the JASSM Cruise Missile.</li><li>Located and/or fixed over 20 vulnerabilities in my assignment.</li><li>Updated automatic unit testing scripts and reference documents with every change made.</li><li>Participated in regular code reviews and stress tests.</li><li>Held interim security clearance.</li></ul>		
<b>Assistant Programmer</b>	<b>AnalyticalInk</b>	<b>Fall 2015 – Winter 2015</b>
<ul style="list-style-type: none"><li>Created a modern user-interface mockup.</li><li>Helped implement user-navigation between problem sets.</li></ul>		

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## EDUCATION

<b>Orlando, FL</b>	<b>University of Central Florida</b>	<b>Fall 2015 – Present</b>
<ul style="list-style-type: none"><li>B.S. in Computer Science, Fall 2019. Overall GPA 3.7; In-major GPA 3.8</li><li>Burnett Honors College student; Accelerated B.S. to M.S. Student; EXCEL Student</li><li>Undergraduate Coursework: Discrete Structures, Programming Languages, Computer Architecture, Operating Systems, Computer Science II, Calculus III, Physics III</li></ul>		

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## TECHNICAL EXPERIENCE

### Projects

- Proximity:** The DNS of locations. Users may claim unmarked coordinates with a URL of their choice. Whenever a user enters a claimed position, they will be redirected to the location's website. Created for the KnightHacks 2017 hackathon. Swift; Objective-C; Python; MongoDB
- eyeBot:** An iOS image-recognition application featuring an intuitive interface that allows the user to identify an object. Label training is updated in real-time with every scan allowing for grassroots label training. Created for the Siemens 2017 Innovation Days hackathon. Swift; Salesforce Einstein
- Spot my New Song:** A CLI program for finding new songs based on a playlist. Results are biased toward artists and albums the user knows. After retrieval, the user can import suggestions into a playlist. Python
- Lifting Buddy:** An ongoing iOS project featuring a clean, responsive, and intuitive interface to record gym progress using Realm as a database. Swift; CocoaPods

### Other Accomplishments

- Codeforces Solutions:** Completed 500 programs (top 1% of all users) to learn Python.
- Machine Learning Course:** Completed Andrew Ng's Machine Learning course hosted on Coursera.
- FIRST Robotics Team Captain:** Managed creation of three robots.

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## Languages and Technologies

- Java; Kotlin; Objective-C; Swift; Python; C++; C; C#; SQL; JavaScript; HTML; CSS; Haskell; R; GNU Octave
- Git; Mac; Windows; Visual Studio; Eclipse; XCode; Android Studio; IntelliJ; Unity; AccuRev; CocoaPods