GitHub: Chris-Perkins
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CHRIS P. PERKINS

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EMPLOYMENT

Software Engineer, Intern — **Siemens** — **Spring 2017 – Present**

- Starter and current lead of initiative to use Kotlin for Android development.
- Front-end developer for an iOS issue-reporting application for technicians.
- Redesigned and reworked the interface for an emergency phone calling application.
- Implemented and presented an SSL-Pinning proof-of-concept.
- Created an internal iOS barcode / QR scanner with external Bluetooth scanning support.

Software Assistant — **FidelitySchools.com** — **Spring 2017 – Fall 2017**

- Implemented high-level email randomization to increase marketing mail reception rate from 21% to 94%.
- Implemented rudimentary data analysis to detect desirable marketing email patterns.

College Student Technician — **Lockheed Martin** — **Summer 2016**

- Worked on the JASSM Cruise Missile.
- Located and/or fixed over 20 vulnerabilities in my assignment.
- Updated automatic unit testing scripts and reference documents with every change made.
- Participated in regular code reviews and stress tests.
- Held interim security clearance.

Assistant Programmer — **AnalyticalInk** — **Fall 2015 – Winter 2015**

- Created a modern user-interface mockup.
- Helped implement user-navigation between problem sets.

EDUCATION

Orlando, FL — **University of Central Florida** — **Fall 2015 – Present**

- B.S. in Computer Science, Fall 2018. Overall GPA 3.7
- Burnett Honors College student; Accelerated B.S. to M.S. Student; EXCEL Student
- Undergraduate Coursework: Discrete Structures, Programming Languages, Computer Architecture, Operating Systems, Computer Science II, Calculus III, Physics III

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.
- **Congressional App Challenge Mentor:** Mentored students in iOS development in both Objective-C and Swift.

Languages and Technologies

- Java; Kotlin; Objective-C; Swift; C++; C; C#; Python; JavaScript; React.js; React Native; HTML; CSS; Haskell; R
- Git; Mac; Windows; Visual Studio; Eclipse; XCode; Android Studio; IntelliJ; Unity; AccuRev; CocoaPods