GitHub: Chris-Perkins
www.chrisperkins.me

CHRIS P. PERKINS

(352) 459-9716
chris@chrisperkins.me

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.
- Created an immersive virtual reality training demo using an HTC Vive and LEAP Motion.
- 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.
- 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, 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 for competition.
- **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