Collin H. Irwin

CollinIrwin.me ♦ github.com/IrwinCollin

Education

B.S. in Computer Science University of Florida   May 2013 - May 2017
Honors College
GPA: 3.59 as of Spring 2016

Experience

Google SWE Intern   May 2016 - August 2016
- Designed and implemented a framework for property creation, runtime editing, and persisting.
- Used Java with Google Web Toolkit, Guice, and EasyMock.

Riversoft Software Engineering Intern   May 2015 - August 2015
- Utilized C# and Xamarin to create a highly maintainable cross-platform mobile application.
- Implemented unit tests, integration tests, and UI tests to help prevent bugs and errors.
- Later optimized application by reducing bandwidth usage 2500%, total line count by 30%, and memory usage by 20 Megabytes (50% on Android).

Riversoft Software Engineering Intern   June 2014 - August 2014
- Wrote a prototype employee tracking application for Android using Java. Project was deemed a success and the application was funded for further development.
- Created new graphics utilizing SVG format for scalability. Graphics are to be implemented in the next release of Riversoft software.

Involvement

HackMIT Hackathon 'Hacker'   September 2016
- Worked alongside one other developer to create a virtual reality audio visualization and manipulation tool in less than one day.
- WINNER: Facebook Oculus Prize, Google Cardboard Development Prize

HackIllinois Hackathon 'Hacker'   February 2016
- Lead a team of two developers to create a chrome extension that overlays travel information onto pictures of landmarks, utilizing Google and Amadeus APIs.
- WINNER: Google's Best Use of Google Tech - goo.gl/XJilOY

UF Computer Science Department Representative   September 2015 - Present
- ESAC representative of the CISE student body in matters of college administration.
- Implemented twice weekly office hours and facilitated inter-organization communication.
- Work alongside the UF ACM to administer a weekly 'Friday Night Hacks' microhackathon.

Skills

- **Languages**: Experienced: *Java 8, C# 5.* Proficient: *C++, SQL*, Javascript, HTML, CSS
- **Coursework**: Data Structure & Algorithms, Databases, Networking, Operating Systems, Design Patterns, Computer Hardware, Cryptography, Programming Language Principles