CJ Zeiger

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Education

Penn State University   5|2017
- B.S. Computer Science
- Mathematics Minor

Experience

Plutonium Apps   2016
Application Development Contractor
- Wrote an Android app that is a mobile interface for Georgia Tech's online course assistant, T-square (http://goo.gl/nW5Ntn)
- Used the ReactiveX Framework to work around not having access to an efficient API. Used RxJava to parallelize many network requests that reduced load times by a factor of 10
- Followed the Material Design guidelines to create equally beautiful and functional user experience

Merck & Co.   2015
Software Developer Intern
- Using Swift, the iOS SDK, and a couple of library modules, created an iOS mobile app that involved connecting with unique barcodes
- Using Python, Flask, multiple Flask extensions, HTML/CSS, Javascript, and SQLite3, created a web app backend to support the iOS app.
- Integrated the mobile application with the RESTful API in order to create a full stack application that was used at networking events at Merck
- Aided in the continued development of a project showcase web app by developing with the MEAN stack and elastic. Using elastic, emulated many of Google's search features

Hackathons

Smart Wallet, *Bitcamp (UMD)*   2016
- Using CPP+Arduino 101+Bluetooth Low Energy, Python+Flask Framework, Sketchup, and Android+RxJava, prototyped a wallet that was able to display a real time bank account balance.

Edmunds.com, Penn State *ADSA DataFest*   2015
- Employed data and statistical analysis tools to highlight a correlation between browsing and car buying habits on edunds.com

Languages and Tools

Proficient: Java, RxJava Python, Android, Git

Familiar: C++, C, Swift, iOS, Flask, SQL