CJ Zeiger

http://cjzeiger.me
cjzeiger@gmail.com | (215) 460-0217

EDUCATION

PENNSYLVANIA STATE UNIVERSITY

B.S. in Computer Science
Expected December 2017
3.2 GPA

LINKS

Github:// cj-zeiger
LinkedIn:// cjzeiger

SKILLS

Proficient:
Java • RxJava • Python • Android
Git
Familiar:
C++ • C • Swift • iOS • SQL

ABOUT

Location
State College, PA
Objective:
Find a full time software
development position.

EXPERIENCE

ANDROID DEVELOPER | Savant Systems

June 2016 - December 2016 | San Francisco, CA

- Refactored an in-house SDK that was used both for a phone app and smart remote app. Changed retrofit interfaces to use the Rx call adapter and used Jackson to deserialize JSON directly to Java data objects.
- Used Nucleus to refactor many of our bloated fragments to MVP where appropriate.
- Used RxJava in presenters to manage the Android lifecycle and async operations, which resulted in a more stable app and readable codebase.
- Became familiar with an agile workflow and strengthened my ability to work on a large codebase with 10+ developers.

SOFTWARE ENGINEER CONTRACTOR | Plutonium Apps

March 2016 - May 2016 | Remote

- Wrote an Android app that is a mobile interface for Georgia Tech's online course assistant, T-square **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.

SOFTWARE DEVELOPMENT INTERN | Merck

June 2015 - August 2015 | Branchburg, NJ

- Using Swift, the iOS SDK, and a couple of library modules, created an iOS mobile app that allowed two people to make a connection at a networking event by scanning unique barcodes with the goal being meeting the most people.
- Using Python, Flask, multiple Flask extensions, HTML/CSS, Javascript, and SQLite3, created a fully featured application web server to support the iOS app. The server worked to record and synchronize leaderboard and transaction data between app clients.
- Integrated the mobile application with the RESTful API in order to create a full stack application that was used at networking events at Merck.

HACKATHONS

SMART WALLET | Bitcamp (UMD)

April 2016 | College Park, MD

- Prototyped a connected smart wallet that displays account balance in real time on the wallet itself.
- Used C++, Arduino 101, Bluetooth Low Energy, Python, Flask Framework, Sketchup, Android, and RxJava.
- Wrote an Android app that received push notifications on balance updates and sent the updates to an Arduino over BLE.
- Added push notifications to the Capital one API using a Flask webserver.

EDUMNDS.COM WEBSITE BEHAVIOR | Penn State ASA DataFest

Feb 2015 | State College, PA
Employed data and statistical analysis tools to highlight a correlation between browsing and car buying habits on edunds.com