

CJ Zeiger

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EDUCATION

PENN STATE

B.S. IN COMPUTER SCIENCE

MINOR IN MATHEMATICS

Expected May 2018

Cum. GPA: 3.2

LINKS

Github:// [cj-zeiger](#)

LinkedIn:// [cjzeiger](#)

SKILLS

PROGRAMMING

Proficient:

Java • RxJava • Python • Android

Git • Python

Familiar:

C++ • C • Swift • iOS • SQL

ABOUT

Location

San Francisco, CA

Objective:

Find an extended Spring + Summer software dev internship.

EXPERIENCE

SAVANT SYSTEMS | ANDROID DEVELOPER

Jun 2016 - Current | San Francisco, CA

- Refactored our in-house SDK that is used in our two apps. Changed retrofit interfaces to use the Rx call adapter and used Jackson to deserialize directly to data objects.
- Became an Rx guru, offering my help to anyone that was having issues with their observable sequences.
- Used Nucleus to refactor many of our bloated fragments to MVP where appropriate.
- Quickly became comfortable to an agile workflow and strengthened my ability to work on a large codebase with 10+ developers.

PLUTONIUM APPS | SOFTWARE ENGINEER CONTRACTOR

Apr 2016 - Mar 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.

MERCK | SOFTWARE DEVELOPMENT INTERN

Jun 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.
- 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

BITCAMP (UMD) | PROJECT: SMART WALLET

Apr 2016 | College Park, MD

Using C++, 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.

PENN STATE ASA DATAFEST | EDUMNDS.COM WEBSITE BEHAVIOR

Feb 2015 | State College, PA

Employed data and statistical analysis tools to highlight a correlation between browsing and car buying habits on edmunds.com