



Princeton University
BSE, Computer Science
Class of 2019



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Languages:

- Java
- Javascript
- Python
- Go
- Kotlin
- C/C++

Frameworks/Technologies:

- MongoDB
- React
- NodeJS/Express
- Android
- Vim

For more information,
visit my site at
[rfblue2@github.io](https://rfblue2.github.io)

Roland Fong

Experience

Applications Developer

Software Engineering Intern, MongoDB, Summer 2018

- Implemented major features including wire message protocols, sessions, and transactions support for Go Driver beta release

Software Engineering Intern, Yext, Summer 2017

- Migrated existing Elasticsearch backend and client facing location search system to support generalizable search capabilities
- Implemented prototype using Play! Framework for data verification

Intern/Contractor, Vonage, Summer 2016 - Spring 2017

- Prototyped Android app and backend support for bluetooth low energy application
- Developed applications for voice to text from phone calls

Android Developer, Wolfpak, Summer 2015

- Built camera module from low level camera API
- Implemented image editing and saving module

Side Projects

Fitness App (Startup) (Summer 2018-)

- Developing Android app that integrates with campus dining menus
- Launching Fall 2018

tigertexts.io (Spring 2018)

- Consolidates data about Princeton course books into a fast, easy to use web application

Resent(i)ment Analysis (Fall 2017)

- Web app that allows users to visually compare Facebook comment sentiment between celebrities
- Won best use of Baidu Paddle API, HackMIT

Extracurricular

Web Development Director, Princeton E-Club (Fall 2016-)

- Led HackPrinceton web development team in maintaining infrastructure and developing new tools
- Created several E-Club sub team websites

Grader, Princeton University (Fall 2016-)

- COS226 (Algorithms) and COS340 (Reasoning about Computation)

Webmaster, Princeton University Band (Fall 2016-)

- Maintained Wordpress website for the marching band

References served upon request