

# RUSSELL FRANK

108 Mountain Parkway • Green Brook • New Jersey • 732-497-8770 • me@russfrank.us

## OPEN SOURCE PROJECTS

github.com/rf/ <b>nd</b>	Documentation viewer for Node.js modules & programs. Displays README.md files in your terminal.
github.com/rf/ <b>tsm</b>	SDK manager for Titanium. It's now obsoleted by the official titanium command line tool, which provides the same functionality.
github.com/rf/ <b>mockti</b>	Mock of entire Titanium namespace to facilitate testing. Wrote this because I needed a way to TDD parts of the Rutgers Mobile App.
github.com/rf/ <b>renderizer</b>	Automation of graphics rendering using Inkscape or Adobe Illustrator in Python. Uses Applescript to automate Illustrator. Allows me to take a single background or icon .ai and render it for a bunch of screen sizes.
github.com/rf/ <b>moar</b>	Cross platform \$PAGER for node.js. Pipes to your \$PAGER on *nix and emulates less on Windows.
github.com/rf/ <b>nextbusjs</b>	Reasonable interface/wrapper for the NextBus API in Javascript. Runs in Node.js and Appcelerator Titanium.

## EXPERIENCE

Rutgers, The State University of New Jersey • Open Systems Solutions • Piscataway, NJ

*Mobile Developer*

December 2011 - Present

- Wrote the official Rutgers Mobile App for iPhones, iPads, and Android phones & tablets using Appcelerator Titanium.
- The App has 72k unique device installs and 40k launches per day, 4+ rating.
- Submitted pull requests to Titanium: [https://github.com/appcelerator/titanium\\_mobile/commits?author=rf](https://github.com/appcelerator/titanium_mobile/commits?author=rf)
- Oversaw student designers & developers and their contributions to the App.
- Currently rewriting the app using native technologies.

*Student Systems Programmer*

January 2010 - December 2011

- Provided initial research and development of open source software for enterprise-level servers throughout Rutgers.
- Built and maintained system packages (RPMs) used for Rutgers services.
- Wrote plugins and a Rutgers branded theme for a customized version of the Roundcube Webmail Client.

HackRU • New Brunswick, NJ

*Co-director*

November 2013 - Current

- Helping organize the next HackRU event in April 2014.
- The next event will have 600+ attendees and will be held at the Rutgers Athletic Center.

*Mentor, API Presenter*

October 2011 - Current

- Categorized Rutgers APIs and presented them to students at every HackRU event since Fall 2011.
- Mentored student hackers, helping them build their apps and use the Rutgers APIs.

Music Application • Burst Development • Warren, NJ

*Developer, System Administrator*

June 2007 - June 2009

- Wrote the Music Application for the Facebook Platform, an app providing users with the ability to post music to profiles.
- Maintained a servers to handle the 2M users and 40RPS load generated by the app based on lighttpd, php and fastcgi.

## COMPUTER SKILLS

**Programming Languages** Javascript • PHP • C • Python

**Also Familiar With** Ruby • Java • Objective-C • Scala • Clojure • SQL • C++

**Additional Skills** RPM Building • UNIX toolchain • L<sup>A</sup>T<sub>E</sub>X • Linux System Administration

## EDUCATION

B.S. in Computer Science, Minor in Mathematics expected in 5/2014

References Furnished Upon Request