

RUSSELL FRANK

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OPEN SOURCE PROJECTS

github.com/rf/ nd	Documentation viewer for Node.js modules & programs. Displays README.md files in your terminal.
github.com/rf/ tsm	SDK manager for Titanium. It's now obsoleted by the official titanium command line tool, which provides the same functionality.
github.com/rf/ mockti	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/ renderizer	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/ moar	Cross platform \$PAGER for node.js. Pipes to your \$PAGER on *nix and emulates less on Windows.
github.com/rf/ nextbusjs	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
- 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

Fall 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^AT_EX • Linux System Administration

EDUCATION

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

References Furnished Upon Request