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.

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 • LaTeX • Linux System Administration

EDUCATION

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

References Furnished Upon Request