ALEX ROCKWELL

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Software Engineer

Experience in application development, data analysis, database design, and system administration.

Skills

Programming Languages	Ruby, Javascript, Coffeescript, Java, and Python
Web Development	HTML5, Rails, Node.js, React, jQuery, CSS, and Bootstrap
Software Tools	Vim, Git, Subversion, and Eclipse
Databases	MySQL, DB2, PostgreSQL, and Redis
Data Analysis	SQL and SPARQL
Operating Systems	Linux, Mac OS X, and Windows

Work History

Senior Software Engineer
Quri, 2013-Present
- Developed system for mass payment processing for EasyShift
- Created revenue recognition system
- Designed and implemented KPI dashboard using Chartio

Software Engineer
Bleacher Report, 2011-2013
- Created a Node.js service in Coffeescript that delivered millions of push notifications a day
- Experienced in debugging and creating instrumentation for concurrent code

Software Engineer and System Administrator
University of Florida, 2004-2011
- Designed and implemented open source utilities to import and analyze data for VIVO
- Automated server configuration and deployment with Ruby Chef
- Designed and implemented two internal web applications with over 100 users
- Helped maintain legacy web applications on a large code base (>200 KLOC)
- Led migration of more than 20 web applications from Jetspeed Portal to JBoss Portal

Portfolio

- Ruby library to send c2dm notifications at a high rate: https://github.com/arockwell/c2dm_batch
- Visualization of UF's organization structure using semantic web data from VIVO: http://github.com/arockwell/vivo_org_chart
- Program to generate this resume in text and pdf format: http://github.com/arockwell/resume
- Programming blog: http://alexrockwell.org.

Education

University of Florida, Gainesville, Florida
BS in Computer Engineering; May 2004