

ALEX ROCKWELL

arockwell@gmail.com • 352.281.6571 • <http://alexrockwell.org>

Software Engineer and System Administrator

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

Skills

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

Work History

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.

System Administrator

University of Florida, Marston Science Library, 2010-2011

- Designed and implemented open source utilities to import and analyze data for VIVO.
- Automated server configuration and deployment with Ruby Chef.
- Managed installation and upgrades of VIVO.

Web Developer

University of Florida, Department of Housing, 2008-2010

- 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.
- Implemented automated software testing to improve development time using TestNG.

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