

# ALEX ROCKWELL

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

## 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 technologies	MySQL, DB2, PostgreSQL, Redis, SQL and SPARQL
Operating Systems	Linux, Mac OS X, and Windows

## Work History

---

### Senior Software Engineer - 17hats, Jan 2016 - Oct 2016

- Designed and implemented backend for a call center handling over 100 calls a day using Twilio
- Worked with front-end and mobile engineers to integrate with Twilio backend
- Instrumental in improving backend performance by profiling code and tuning SQL queries

### Senior Software Engineer - Quri, 2013 - 2016

- 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)

## Portfolio

---

- Ruby library to send c2dm notifications at a high rate: [https://github.com/arockwell/c2dm\\_batch](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](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