Zach Cotter

Available Upon May 2015 Graduation   www.zachcotter.com
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Website

Visit **zachcotter.com** to see some of my Ruby on Rails, Java, and Android projects.

Knowledge

Languages: Ruby, Java, Swift, Python, SQL, C#, C++, Racket/Scheme, XML, HTML, CSS, Less
APIs/Frameworks: Ruby on Rails, Android, Swing, JDBC, JPA, Yahoo Query Language API, Jira
Systems: Mac, Linux, Windows
Software: Git, ArcGIS, PostgreSQL, MySQL, MSSQL, Jira, Confluence, Openfire (XMPP server), Splunk

Experience

Web Development Coop…………………………………………………..January 2014 – July 2014
America's Test Kitchen, Brookline, MA
- Worked as a Full-Stack Ruby on Rails Developer on a network of sites with over 6 million users
- Integrated existing equipment review feature with Amazon's affiliate program
- Improved back-end systems and worked with the PostgreSQL database
- Built front-end pages from the design team's photoshop composites

Software Engineering Coop…………………………………………..January 2013 – August 2013
NaviNet, Boston, MA
- Designed a step based development environment provisioning framework in Python to automate what used to be a 2-4 week manual setup process.
- Created a database decompression utility in C# that was used to resolve a production incident.
- Built a Python utility that cross-referenced a list of scheduled production jobs against Splunk event log data to find unstarted or incorrectly scheduled jobs.
- Developed several Java programs that used Atlassian's Jira API.

Bootstrap Teacher (Volunteer)……………………………………………Spring 2011 – Fall 2012
Orchard Gardens K-8, Boston, MA and Dever-McCormack K-8, Dorchester, MA
- Lead teacher starting Spring 2012- managed a team of other student teachers.
- Taught middle school students to program video games in Scheme (bootstrapworld.org).

Assistant Manager………………………………………………………...May 2012 – August 2012
Deerspring Pool, Deerfield IL
- Supervised daily routines of over 80 pool employees.
- Facilitated guard training and evaluated employee performance.
- Coordinated with EMS responders during emergencies.

Education

Northeastern University, Boston, Ma.……………………………………………….2010 – present
Candidate for a Bachelor of Science in Computer Science and Environmental Science, 2015
Relevant Courses: Discrete Structures, Logic and Computation, Fundamentals of Computer Science I & II, Database Design, Object Oriented Design, Geographic Information Systems, Theory of Computation, Algorithms and Data Structures, Software Development, Mobile App Development

Interests

Swimming, Running, Programming, Cooking, Camping, Skiing, Skydiving

References will be furnished upon request