Josh Slauson

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Skills

Programming Languages: Java, Python, SQL, C, C++, Perl, JavaScript, HTML
Database: PostgreSQL, MongoDB, Elasticsearch
Frameworks: Spring, MyBatis
Other: Unix, Git, AWS, Android

Experience

StudyBlue, *Analytics and Application Developer*, San Francisco, CA   January 2013 – Present
- Software development for StudyBlue, an online studying platform for students
- Implement scalable, robust solutions to gather and analyze user metrics.
- Refactored elasticsearch index for card data
- Added support for mobile subscriptions on iOS and Android
- Automated reporting of metrics
- Added and maintained SQL functions, views, and summary tables
- Added and maintained RESTful APIs for mobile and web clients
- Set up business intelligence tool (Chartio) to allow easier access to user data
- Helped redesign StudyBlue's Android application from the ground up

StudyBlue, *Programming Intern*, Madison, WI   June 2012 – January 2013
- Added support for equation flashcards, integrated HTML 5 features for file uploading, and performed bug fixing and testing of StudyBlue's website.
- Helped revamp StudyBlue's analytics with MapReduce.

University of Wisconsin, *Research Assistant,* Professor Chris Ré   May 2011 – June 2012
- Conducted research on scaling up machine reading applications to web-scale data.
- Worked on a best-effort processing model using MapReduce and Condor.

Condor Project, *Student Hourly*, Madison, WI   January 2010 - May 2011
- Software development for the Condor Project, a workload management system for computationally intensive jobs.
- Primary duties included unit testing, functional testing, bug fixing, and implementing new features in the code base. Worked with C, C++, and Perl.

Education

Masters of Science in Computer Science   August 2011 - December 2012
    University of Wisconsin
Bachelors of Science in Computer Science   August 2007 - December 2010
    University of Wisconsin