DAVID EWALD

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EDUCATION

Bachelor of Science, Informatics (Human Computer Interaction)   Expected June 2014

University of Washington, Seattle

- Related Coursework: Networking, Algorithms and Data structures, Systems Analysis, Design Theory, Information and Search, Advanced Database Design, Back-end Development.

SKILLS & ABILITIES

- Languages: Java, C++, C#, Python, Ruby, JavaScript(JQuery, Typescript, CoffeeScript), HTML5/CSS3
- Frameworks: Rails, Backbone, Angular, Node, Express, Laravel, WordPress
- Tools: Git, Heroku, Eclipse, SublimeText2, PhoneGap, Tableau, Excel
- Database: SQLServer, MYSQL, PostgreSQL, Oracle, SQLite, PL/SQL, NoSQL(Redis, Mongo)

EXPERIENCE

Software Developer Intern   June 2013 to Sept 2013
Liberty Mutual Insurance

- Head developer working on a metrics dashboard encompassing entire IT department.
- Developed and designed dashboard as well as presented in front of upper management.

Web Development Teacher Assistant   Sept 2013 to Present
University of Washington

- Assist professor in creating course materials and projects.
- Lead a quiz section of students through course labs and act as a resource for students who need additional help through office hours.

Vice President   June 2012 to Present
Informatics Undergraduate Association

- Act as the conduit between faculty/staff and students.
- Manage business partnerships between companies and the major.

Associate Member   Dec 2012 to Present
Student Technology Fee
- Analyze proposals and vote on them based on a 7 million dollar account for student technology on campus.

PERSONAL PROJECTS

Lucene Text Parcer

- Developed a text parser using Lucene which was used as the backend to a search engine which focuses on web development and finding the right resources for developers of all types.

SEOmoz API Rework

- Acted as lead software architect on a project in which we performed a systems analysis on a backend API system for SEOmoz. Developed a full system using PHP and MySQL which solved many of the issues discovered by our team.

Node.js Chat System

- Developed a real time chat system using the Node.js web stack which can be implemented into any Node.js Application.

Info Quotes

- Developing a web application which allows Informatics students to post and quotes they have heard around campus, built using PHP and backbone.