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, Information Visualization.

SKILLS & ABILITIES

- Languages: Java, C++, C#, Python, Ruby, PHP, 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, MongoDB)

EXPERIENCE

Software Developer Intern   June 2013 to Sept 2013
Liberty Mutual Insurance

- Head developer and designer on a metrics dashboard application used by upper management. Conducted heuristic analyses as well as user studies for UX testing.
- Saved Liberty Mutual IT over $500,000 a year and increased proactive IT management knowledge.

Web Development Teacher Assistant   Sept 2013 to Present
University of Washington

- Assist professor in creating course materials and reshaping syllabus.
- Leading quiz section of students through course labs, and holding office hours for students needing additional help.

Software Developer   Sept 2013 to Present
NomOn

- Developing backend web server in PHP and algorithms, which handle business logic.
- Developing and designing both web and mobile applications running on all major platforms.

Vice President   June 2012 to Present
Informatics Undergraduate Association

- Acting as the conduit between faculty/staff and students, as well as managing business partnerships between companies and the major.
- Organizing events and recruitment efforts like networking and game nights.

PERSONAL PROJECTS

PhoneGap Application

- Developing a PhoneGap application providing users with services such as food, music and entertainment at home on late nights.

SEOmoz API Rework

- Lead software architect on a project in which my team performed a systems analysis on a backend API system for SEOmoz. Developed a full system using PHP and MySQL, saving SEOmoz a significant amount of capital.

Node.js Real-Time Game

- Developing and designing a web application game which utilizes real-time web sockets and Node.js to let players connect through the browser in real time.