

Ben Nelson

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Salt Lake City, UT

Skills

ASP.Net C#, Ruby, Ruby on Rails, PHP, Java, C/C++, JavaScript, Python, NodeJS, KarmaJS, TypeScript, CoffeeScript, jQuery, AngularJS, EmberJS, KnockoutJS, UnderscoreJS, SinonJS, Qunit, SQL Server, MySQL, PostgreSQL, MongoDB, NoSQL design and implementation, CTree, Web Forms, JSP & Java Servlets, Bootstrap, Foundation, Jade, Haml, XML, YML, Joomla, WPF, Windows Forms, ANTLR, Stanford Core-NLP, BioPython, Rake, Make, VisualStudio 2012, Vim, SublimeText 2 & 3, Grunt, Bower, Yeoman, Amazon AWS, Heroku, SVN, Git, TravisCI, JenkinsCI, Semaphore, Windows Azure, Jira, Team Foundation Server, Trello, Redmine, HTML5 Boilerplate, D3.js, ExpressJS, jQuery-ui, Cucumber, Sinatra, PhoneGap, Ionic, MomentJS, GulpJS

Work Experience

Co-Founder

June 2014 – January 2015

VaultRMS, Inc. – San Diego, CA

Headed product-engineering department, led development team in creating applications for police departments and first responders. Actively performed development on a Ruby on Rails platform application with a front end in AngularJS supporting two police departments and a security group for one product and the MEAN stack built on top of Ionic for another. Launched both products on time and under budget. Assisted in sales and marketing, performed cold calls and followed up on sales leads. Accelerated negotiations for seed series funding that led to closing the round.

Software Engineer

May 2013 – June 2014

Health Catalyst, Inc. – Draper, UT

Built an enterprise data warehousing system with a team of developers and manual QA engineers. Created a platform in ASP.NET MVC 4 used to manage SQL Server jobs and browse and manage the metadata database. Expanded functionality of an existing application to map database systems and flat files to a metadata database. All projects shipped on time and under budget to each of our 10 client healthcare systems.

Teaching Assistant

January 2013 – May 2013

University of Utah – School of Computing – Salt Lake City, UT

Assisted with Professor Feifei Li's CS5530 – Database Systems course which was an undergraduate-level introduction to database systems and applications using databases. Held office hours where I mentored students in many database and software engineering related topics. Graded papers, made and produced keys in LaTeX, and met with students for additional assistance outside office hours. Topics included SQL, relational, ISAM, and NoSQL databases, data modeling, and more.

Software Engineering Intern

May 2012 – January 2013

Boxworks Technologies, Inc. – West Valley, UT

Developed software in PHP for the materials handling industry, primarily assisted in converting legacy code from the in house language to PHP and developing data reporting screens in PHP while interacting with a CTree database.

Education

B.S. Computer Science

August 2013

University of Utah – Salt Lake City, UT

Focused undergraduate education on strong software engineering and web development skills. Was heavily involved in data mining, natural language processing and database research as an upperclassman. Built many large projects in teams of 4+ members and took several graduate level courses as an undergrad. Projects include a DNA and RNA generator that validated genes to the BLAST database, a project correlating sentiment analysis of Twitter data with stock data, a capstone which was a Rails application engineered to help people learn, and a coreference resolution processor. 3.151 GPA including graduate level courses.