Ryan Amundson

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EDUCATION

Bachelor of Science, Computer Science & Engineering (June, 2016)
Western Washington University, Bellingham, WA

CERTIFICATIONS & AWARDS

Internet Studies Certification in Web Programming (December, 2015)
Internet Studies Certification in Web Content Development (June, 2016)
Western Washington University, Bellingham, WA
1st place in "Best Use of New Tech", Seattle VR/AR Hackathon (April, 2016)
Weekend long hackathon developing for virtual and augmented reality with 130+ participants.

SUMMARY OF SKILLS

- Java, C#
- JavaScript, ASP.NET, PHP
- MySQL, HTML, CSS
- AngularJS, JQuery, NodeJS
- Bootstrap, Ionic, Material Design
- Windows, Unix
- JDBC, ODBC
- Git, CVS
- RESTful API, Web Services
- LAMP/MEAN stacks
- Visual Studio, Eclipse
- Virtual Box, GDB

EXPERIENCE

Co-Founder & Engineer, *04/2016 – present, EnsoVerse – Seattle, WA*
Full stack engineer responsible for building out major features and functionality for mobile virtual and augmented reality sharing, playback and editing platform. Modern stack and architecture.
Web Application Developer, *09/2015 – 06/2016, Border Policy Research Institute – Bellingham, WA*
Reconstructed U.S. border crossing data application to support 885,000 additional unique queries for a year or range of years. Relation database, modern UI and RESTful API designed and developed from the ground up for large amounts of policy data. Powerful asynchronous searching and filtering features.
Private Tutor, *05/2014 – 06/2016, Bellingham, WA*
1-on-1 private tutoring service for a variety of technologies and skill levels. Provided a selection of material and instruction ranging from using popular software to design patterns and algorithms.

PROJECTS

Airport Reservation Database, *10/2015 – 06/2016, Command Aviation – Bellingham, WA*
Reservation management system, database and intuitive administrator UI, built for Command Aviation.
Online CD Store – CD store written in ASP.NET utilizing Amazons product information web service.
Resolve – Mobile-friendly social platform which maintains a fiscal balance amongst peers.
What's That Word? – Amazon Alexa application utilizing AWS Lambda function and written in NodeJS. Voice activated application designed to find potential matches for a given definition or Synonym.

RELEVANT COURSEWORK

Networking(367), Concurrency(322), Advanced Web Scripting(342), Mobile Development(412), Computer Security(461), Management Information Systems(314,324,424), Computer Graphics(480)