

# Ryan Amundson

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<https://github.com/RyanAmundson>

<http://RyanAmundson.com>

## EDUCATION

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**Bachelor of Science, Computer Science & Engineering** (June, 2016)

Western Washington University, Bellingham, WA

## CERTIFICATIONS & AWARDS

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**Internet Studies Certification in Web Programming** (December, 2015)

**Internet Studies Certification in Web Content Development** (June, 2016)

**1<sup>st</sup> 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.

**Immerse Technology Summit Shark Tank finalist** (November, 2016)

Presented virtual reality start up to several renowned venture capital firms including Vulcan Capital, Madrona Venture Group and Qualcomm Ventures.

## SUMMARY OF SKILLS

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| • C#, Java, NodeJS, PHP                  | • Object oriented design, functional programming  |
| • Angular, Angular 2, jQuery, Typescript | • RabbitMQ  |
| • MySQL, SQL Server, MongoDB, Firebase   | • Octopus Deploy                                  |
| • Bootstrap, Ionic 1/2, Material Design  | • Visual Studio, Re-sharper, Android Studio       |
| • Gulp, grunt, Web pack                  | • .NET/.NET Core, Entity Framework                |
| • Windows, Unix, OS X                    | • AWS, Azure, Digital Ocean, Heroku, Google Cloud |
| • Git, GitLab                            | • Mozilla Aframe, WebVR, Unity, ThreeJS           |
| • Circle CI, TeamCity, Jenkins           | • Atlassian, Trello, Jira, Axosoft                |
| • Amazon Alexa                           | • Azure functions, AWS Lambda                     |
| • Kanban, Scrum                          |   |
| • REST, HTTP, Web Sockets                |   |

## EXPERIENCE

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**Software Application Developer**, 09/2016 – present, *Russell Investments* – Seattle, WA

Application developer for a large investment and portfolio management firm. Key responsibilities include building scalable micro services to support accelerating business activity and develop systems for process large amounts of highly sensitive trading data.

**Co-Founder & Virtual Reality Engineer**, 04/2016 – present, *EnsoVerse* – Seattle, WA

Full stack engineer responsible for building out major features and functionality for several virtual and augmented reality platforms and applications using cutting edge machine learning, computer vision and mixed reality software.

**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.