

Seattle, WA

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EMPLOYMENT

Freelance Developer **Dec. 2016 – Present** **Seattle, WA**

- Relocated to Seattle seeking more interesting opportunities
- Mentoring students attending local coding schools. I provide tutoring services and develop targeted lesson plans
- Create custom mobile and web applications using modern web technologies
- Primary tech: Express (Node.js), ES6, React and React Native

Software Developer Lead **CAPSHER Technology** **Jun. 2015 – Dec. 2016** **College Station, TX**

- Developed iOS (Objective-C) and client-server (C++, JavaScript) applications
- Developed front end interfaces and backend support for new features using an in-house JavaScript and C++ web framework. Focus on load times and UX
- Automated art pipeline by using ImageMagick to generate many application-specific images from source material
- Broke down tasks for junior developers and mentored interns

Full Stack Developer **Code Awesome** **Nov. 2014 – Apr. 2015** **Houston, TX**

- Created custom web application for gamifying surveys geared toward medical professionals
- Primary tech: Ruby On Rails, JavaScript

Resident Adviser **University of Houston** **Aug. 2014 – May 2015** **Houston, TX**

- Assisted students in their college endeavors - time management; tutoring; setting up for success.
- Organized events focused on community building, personal development and education

EDUCATION

Houston, TX **University of Houston** **Aug. 2012 – May 2015**

- Bachelor of Science in Computer Science, May 2015. In-major GPA: 3.7, Cumulative GPA: 3.33

TECHNICAL EXPERIENCE

Projects

- **NASA Speech Intelligibility Testing Tool (SITT)** (2014 – 2015). Automates the creation, administration and scoring of SITs. Assesses sound quality of communication hardware in extreme environments. Project Lead, Architect. Rails, Ruby
- **Gridia** (2013 – Present | cjamcl.com/gridia). Multiplayer online game with a procedurally generated, persistent world. Highly configurable, focused on user driven content. In 2015, Gridia advanced to the semifinals of the US Imagine Cup, Microsoft's annual game design competition. Sole Developer. Java, C#, Groovy
- **as3unit** (Feb. 2015). A unit testing framework for ActionScript 3

Languages and Technologies

- Proficient: C++; C; Java; JavaScript; Node.js + Express; Rails; React; Objective-C; C#; Ruby; Python; Unity; AngularJS
- Experience: SQL; Groovy; Dart; ActionScript