

# Kyle W. Rader

425.241.7977 | [kyle@kylerader.ninja](mailto:kyle@kylerader.ninja) | <https://kylerader.ninja> | [github.com/kyle-rader](https://github.com/kyle-rader)

## EDUCATION

**Western Washington University**, Bellingham, WA

M.S. Computer Science, Graduating March 2017

B.S. Computer Science, June 2014 Minors: Mathematics, Embedded Systems Engineering

## WORK EXPERIENCE

**Director of Software Development Life Cycle** – *8las Inc.*

Bellingham, WA | <http://8las.com> | July 2015 - July 2016 8las was an augmented reality startup which was aqui-hired by RealMax Inc.

- Organized a software development team by formalizing code documentation, version control usage, code management and project management.
- In the span of four months moved the company from a scattered product idea to the first launch of an augmented reality runtime engine codename "Catapult".
- Develop software architecture for augmented reality runtime systems and applications.
- Manage live demos for potential customers and pitch to investors.
- Travelled to China for three months during an aqui-hire of the company to help integrate four international software teams.

**Production Engineer** – *Womp Mobile*

Bellingham, WA | <https://wompmobile.com> | March 2015 - August 2015

- Mobilized desktop websites using HTML, SASS, & JavaScript with WompMobile's proprietary internal mobile site builder.

**Graduate & Undergraduate Teaching Assistant** – *Western Washington University*

Bellingham, WA | <https://cse.wvu.edu/computer-science> | September 2011 - March 2015

- Run interactive lab trainings, write grading scripts, manage office hours and often help redefine content.

**Director of Engineering** – *Uzility*

Bellingham, WA | <https://uzility.com> | December 2013 - November 2014

Uzility was a start-up company building an agile software management solution.

- Developed a web-based Kanban system for agile software development.
- Practiced agile software development and lean start-up methodology.
- Front and work in HTML, JavaScript, CSS/LESS. Back end work in PHP and MySQL.

**Software Engineer** – *Brer Technical Inc.*

Bellingham, WA | <http://brertechnical.com> | Spring 2012 - Spring 2014

- Principal architect for a business management system centered on the MFI test procedure.
- Designed and built a testing interface for real time data collection and visualization.
- Gained an understanding of Windows development, SQLite databases, serial communication, & concurrency.

**Devops Engineer** – *Logos Research Systems*

Bellingham, WA | <https://logos.com> | June 2013 - January 2014

- Developed and maintained an internal Ruby on Rails site housing database and server management tools.
- Tools included RabbitMQ message replay, MySQL cluster dashboard, server patch dashboard and MySQL schema migration dashboard.

**Research Assistant** – *Western Washington University*

Bellingham, WA | <http://geometricktomography.com> | August 2011 - June 2013

- Data processing, GUI design and algorithm implementation in Matlab.

## **SIDE PROJECTS    Western Washington University Puzzle Hunt**

Bellingham, WA | <https://wwupuzzlehunt.com> | July 2015 - Present

### **Out In Science**

Bellingham, WA | <https://wwupuzzlehunt.com> | April 2015 - Present

### **Computer Science Tutoring**

Bellingham, WA

### **CodeLily | A Code School for Bellingham**

Bellingham, WA | Sept 2014 - Sept 2015

## **AWARDS**

- WWU Computer Science Citizenship Award, 2014
- Technology Alliance Group: Technology Leader of Tomorrow, 2013
- WWU Computer Science Citizenship Scholarship, 2013
- Logos Bible Software Scholarship, 2012
- Dealer Information Systems Scholarship, 2011

## **ACTIVITIES**

- Events Committee Member: Technology Alliance Group (Fall 2015 - Winter 2016)
- Director of Activities WWU ACM (Fall 2014 - Spring 2015)
- Activities Coordinator WWU ACM (Spring 2013 - June 2014)
- CCDC/Cyber Defense Club (Fall 2012 - Spring 2013)
- Jr. Supervisor Bellingham A.I. and Robotics Society. (Winter 2011 - Winter 2013)
- WWU ACM mentor. (Spring 2013)
- President: Western Student Robotics Club (Fall 2010 - Spring 2012)
- Vice President: Institute of Electrical and Electronics Engineers WWU Chapter (Fall 2011 - Spring 2012)