

## EDUCATION

**Western Washington University**, Bellingham, Wa

Complete: *B.S.* in Computer Science, June 2014. Minors: Math and Embedded Systems

In Progress: *M.S.* in Computer Science. December 2015. (Studying web application security)

*Currently working in:*

Java, JavaScript, MySQL, PHP, CSS, LESS, HTML,  $\text{\LaTeX}$

*Currently learning:*

MongoDB, AngularJS, Express, NodeJS, MEAN.js

## EXPERIENCE

*Director of Engineering*

December 2013 - November 2014

Uzility, Bellingham, Wa

- Developing an agile software management solution (software as a service).
- Practicing lean start-up methodology and agile software development.
- Currently developing both front and back end in HTML, JavaScript, CSS/LESS, PHP, and MySQL.

*Graduate Teaching Assistant*

September 2014 - Present

WWU, Computer Science Dept

- Plan, run, critique and grade labs and homework.
- Classes: Intro to Robotics, Computer Programming I & II, Functional Programming
- (Undergraduate TA Fall 2011 - June 2014)

*Software Engineer*

Spring 2012 - Spring 2014

Brer Technical Inc, Bellingham, Wa

- Develop .NET API's for hardware communication with motor controllers and mega ohm meters via serial ports.
- Principal architect for a business management system centered on our MFI test procedure.
- Designed and implemented event based testing interface with real time data collection and visualization.

*Software Developer*

June 2013 - January 2014

Logos Research Systems, Bellingham, Wa

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

*Research Assistant*

Summer 2011 - Spring 2013

WWU, Math Dept, NSF grant for geometric tomography.

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

## AWARDS

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

## ACTIVITIES

- Director of Activities WWU ACM (Fall 2014 - Present)
- Activities Coordinator WWU ACM (Spring 2013 - June 2014)
- CCDC/ Cyber Defense Club (*Fall 2012 - Spring 2013*)
- Jr. Supervisor Bellingham A.I. and Robotics Society. Taught kids programming through robotics. (Winter 2011 - Winter 2013)
- WWU ACM mentor. Tutor students in intro level computer science courses. (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*)
- Academic Representative: Associated Students Inter Club Council (*Fall 2010 - Spring 2011*)