

Kyle W. Rader

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EDUCATION

Western Washington University, Bellingham, WA

M.S. Computer Science, March 2015

Research Area: Web Application Security.

B.S. Computer Science, June 2014

Minors: Mathematics, Embedded Systems Engineering

EXPERIENCE

Co-Founder – CodeLily

Bellingham, WA | <https://codelily.education> | Nov 2014 - Present

CodeLily is a web development education studio. We are here to evolve the way we think about learning and education. Our goal is to create an open, collaborative, and accessible environment in which we bring 21st century literacy to our customers.

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*)