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.
- Responsible for web site and server management
- Using the MEAN stack (MongoDB, Express, AngularJS, NodeJS) and Nginx

Graduate Teaching Assistant – **Western Washington University**
Bellingham, WA | https://cse.wwu.edu/computer-science | September 2014 - Present
- Grade and comment on one hundred lab submissions per week
- Work with professors and other TA's to critique, plan, and improve the lab experience
- Classes: Intro to Robotics, Computer Programming I & II, and Functional Programming

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
- Practiced lean start-up methodology and agile software development
- Front and work in HTML, JavaScript, CSS/LESS. Back end work in PHP and MySQL

Undergraduate Teaching Assistant – **Western Washington University**
Bellingham, WA | https://cse.wwu.edu/computer-science | September 2011 - June 2014
Same responsibilities as a graduate TA with fewer students.

Software Engineer – **Brer Technical Inc.**
Bellingham, WA | http://brertechnical.com | Spring 2012 - Spring 2014
- Developed C# API's for hardware communication via serial IO.
- Principal architect for a business management system centered on the MFI test procedure.
- Designed and implemented an event based (concurrent) testing interface with real time data collection and visualization.

Devops Web Developer – **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://geometrictomography.com | August 2011 - June 2013
- Data processing, GUI design and algorithm implementation in Matlab.

AWARDS

- Technology Alliance Group: Nominee for Tech Influencer 2014
- 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. (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)
- Academic Representative: Associated Students Inter Club Council (Fall 2010 - Spring 2011)