

Kyle Kamperschroer

Email: kkamperschroer@gmail.com Phone: (608) 315-2679

Web: www.kylek.me

Education

University of Wisconsin – La Crosse - La Crosse, WI

Masters of Software Engineering/Computer Science Dual Degree

- Two time recipient of NSF S-STEM Scholarship

Muskego High School – Muskego, WI

High School Diploma

- Honor Role recipient for all academic quarters.
- Matt Gebhard scholarship recipient.

Grad: May 2013

Overall GPA: 3.67

CSE GPA: 3.91

Grad: June 2008

Overall GPA: 3.7

Relevant Work Experience

SAP Business Objects – La Crosse, WI

July 2010 - Present

Intern – Build Tools and Services

- Built installers for legacy products for 9 Unix platforms as well as Windows.
 - Technology used: InstallShield 2009, InstallAnywhere 2009-2011, InstallScript, Ruby.
- Built scripts to automate building and testing installers.
 - Technology used: Ruby, CruiseControl, Perforce.
 - Key features: Detect changes in release area, build a new installer. Test installer for all specified platforms using Net::SSH libraries. E-mail relevant parties upon success or failure.
- Convert build system from Perl to Rake
 - Technology used: Ruby, Rake, Perl, VisualStudio.
 - Key features: Convert sequential build system to a dependency based build system. Integrate and refactor existing tools to extend flexibility.

UWL Network Services – La Crosse, WI

Oct 2009 - Sept 2010

Student Network Technician

- Maintained and deployed Cisco switches and access points.
 - Wrote Ruby scripts to automate long processes, such as staging new switches, or configuring access points to be deployed.

Muskego Norway School District – Muskego, WI

Student IT Technician

June 2005 – Aug 2009

- Annually imaged all computers (~700) in the district using Novell Zenworks.
- Assisted teachers and administrators with any computer issues.

Relevant Coursework

- Open Source Development – Covered licenses, patents, bug trackers, and much more.
- Digital Image Processing – Covered FFT, image compression, and similar image search algorithms.
- iPhone Development – Covered all major points needed for building an iOS application.
- Software Engineering – Covered data structures, UML diagrams, and much more.
- Operating Systems – Covered virtual memory, machine language, process schedulers, and more.
- Structure of Compilers – Covered using Lex and Yacc to write a compiler using C.
- Independent Study – Covered using BOINC and MPI for distributed calculations.
- Software Engineering – Covered life cycles, verification, validation, and much more.
- And much more...

Computer Skills

Languages/Technologies

- Competencies (in order of knowledge): Java, Ruby (and Rake), PHP, Javascript/JQuery, Ruby on Rails, Unix shells, C, Lex, Yacc, Objective C
- Exposure to: Perl, C++, Scheme/LISP, MIPS, and more.

Personal Projects

- Wrote an [extension](#) for Google Chrome with >5,200 users and a 4.34 star rating. (Search: “Kyle Kamperschroer” in the Chrome Web Store to find.)