

Kyle Kamperschroer

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Age: 24

WORK EXPERIENCE

Microsoft – Software Development Engineer

Seattle, WA

Aug 2013 – Present

- Produce internal tools and utilities for streamlining processes.
- Refactoring of product architecture to reduce number of servers necessary.
- Write requirements, design, release, and test documentation.
- Technologies used include C#, Powershell, SQL, .NET.

SAP – Software Development Engineer II

La Crosse, WI

July 2012 – June 2013

- Maintain and develop product for cleansing large amounts of data.
- Write unit and smoke tests to cover each new/modified line of code.
- Product plugs into Data Services, used by thousands of customers.
- Technologies used include C++, SQLite, Emacs, Visual Studio, Perforce, and CodeCollaborator.
- Apply SCRUM and Agile methodologies to everyday development.

SAP – Intern

La Crosse, WI

July 2010 – July 2012

- Built system for automating building of new installers using Ruby.
- Detects changes in release area, builds a new installer, and tests on all platforms.
- Emails relevant parties upon success or failure of building installer.
- Technologies used include Ruby, CruiseControl, and Perforce.

UW-L Network Services – Student Network Technician

La Crosse, WI

Oct 2009 – Sept 2010

- Assisted professors, students, and staff with networking issues.
- Maintained and deployed Cisco switches and wireless access points using scripts.

SIDE PROJECTS

- CyanogenMod Open Source Project (a fork of the Android Open Source Project). Patches I've worked on have historically focused on the sound libraries.
- Wrote an [extension](#) for Google Chrome with ~12,000 users and a 4.4/5 star rating.

EDUCATION

University of Wisconsin – La Crosse

Grad: May 2013

Masters of Software Engineering/Computer Science Dual Degree

Overall GPA: 3.67

- Three time recipient of NSF S-STEM Scholarship

CS GPA: 3.91

RELEVANT COURSEWORK

- Machine Learning – Neural networks, logistic regression, computer vision, text analysis, and more.
- Structure of Compilers – Used Lex and Yacc to write a MIPS compiler using C.
- Digital Image Processing – FFT, image compression, similar image search algorithms, etc.
- Operating Systems – Virtual memory, machine language, process schedulers, etc.
- Software Engineering – UML, Life cycles, verification, validation, and much more.

COMPUTER SKILLS

Languages/Technologies

- Competencies: Javascript, HTML5, Java, C++, C#, Ruby, Ruby on Rails, MongoDB, Node.js, C# and SQL
- Exposure to: C, Lex, Yacc, Objective C, Perl, Scheme/LISP, MIPS, and more.