

Kyle Kamperschroer

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WORK EXPERIENCE

SAP – Software Developer II

La Crosse, WI

July 2012 – Present

- 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.

UWL 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.
- Wrote Ruby scripts to automate long processes, such as staging new switches.

Muskego Norway School District – Student IT Technician

Muskego, WI

June 2005 – Aug 2009

- Assisted administrative staff and teachers with IT issues.
- Annually imaged all computers in the district using Novell Zenworks.

OTHER RELEVANT EXPERIENCE

- 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 ~7,500 users and a 4.46/5 star rating. Allows currently playing information and playback controls of Google Play Music from any window or tab.

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