

Kyle Kamperschroer

Email: kyle@kylek.me

Phone: (608) 315-2679

Web: www.kylek.me

Age: 23

WORK EXPERIENCE

Microsoft – *Software Developer Engineer in Test (SDET)*

Seattle, WA

Aug 2013 – Present

- Produce internal tools and utilities for streamlining processes.
- Implementation of formal configuration management procedures.
- Write requirements, design, release, and test documentation.
- Technologies used include C#, Powershell, SCOM, and SCCM.

SAP – *Software Developer 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.

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 ~12,000 users and a 4.38/5 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.