Jeremy Roman

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Education

University of Waterloo
Honours Computer Science, co-op
September 2009 – April 2014

- Bachelor of Computer Science
- Minor in Combinatorics and Optimization, Minor in Physics
- Graduated with distinction – Dean's Honours List
- Awarded the Governor General's Silver Academic Medal
- 97% cumulative average, 98% math faculty average, 99% CS major average

Experience

Google
Software Engineer
May 2014 – present

- Working on graphics and rendering performance in Blink, the rendering engine of Google Chrome.

Google
Software Engineering Intern
January 2013 – August 2013

- Earned co-op rating of "Outstanding" for work on BrailleBack accessibility service for Android.
- Earned co-op rating of "Excellent" for work on Blink rendering engine (part of the Chromium project) in rendering and graphics stacks.

Google
Software Engineering Intern
May 2012 – August 2012

- Developed Mobile Gmail client features in JavaScript and Objective-C.
- Added frontend server code to the web application server to support client code.
- Earned co-op rating of "Outstanding."

Google
Software Engineering Intern
September 2011 – December 2011

- Developed features for Google Shopper for iOS and Android.
- Developed frontend server code to support clients, coordinating with an upstream team in order to do so.
- Earned co-op rating of "Outstanding."

Demeure
Co-op Student, Dev Team
January 2011 – April 2011

- Worked on a web application implemented in Ruby on Rails running on Amazon Web Services (including S3 and EC2).
- Participated in the agile style of software development.
- Earned co-op rating of "Outstanding."

Sun Life Financial
Summer Student
May 2010 – September 2010

- Worked to ensure application compatibility during an upcoming deployment of Windows 7 to over 15,000 end users.
- Built software packages for Windows XP and Windows 7 for deployment via Microsoft System Center Configuration Manager (SCCM) 2007.

Skills

Technical Skills

- Significant experience in Ruby (especially the Rails framework), HTML and related technologies, Java, C, C++ and Objective-C
- Familiar with PHP, Python, C# and PLT Scheme/Racket
- Proficient with Windows, Mac OS X and Linux (especially Debian and Ubuntu)
- Development experience using web services including Amazon S3, EC2 and SQS

Transferrable Skills

Initiative:

- At Google, manager commented on "[handling] additional tasks on his own initiative" and "[performing] as a full time engineer".
- At Google, supervisor commented on "zeal and enthusiasm to work which is hard to find and makes his work that much better."
- At Google, was praised for "[taking] on cleaning up the existing Shopper codebase … contributing to overall code health."
- At Demeure, was praised by supervisor for "actively providing his own thoughts and opinions on design, implementation and priorities … He effectively advocated for his positions".
- At Sun Life Financial, created tools to streamline package testing and deployment workflow.

Communication:

- In the Computer Science Club, documented existing and new systems and software, categorized existing documentation, and consistently responded promptly to requests from members.
- At Sun Life Financial, wrote packaging standards recommendations to prepare for Windows 7 and presented recommendations to co-workers.

Clubs & Societies

Computer Science Club of the University of Waterloo

- As a member of the Systems Committee (since late 2009) and System Administrator (for five terms), maintained and improved club systems and software providing various services to members, including a mirror of open-source software serving hundreds of concurrent requests.
- Supported systems used by hundreds of members of a wide range of purposes.