

# Jeremy Roman

jeremy@jeremyroman.com

## Education

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**University of Waterloo**  
**Honours Computer Science, co-op**  
September 2009 – present

- Candidate for Honours Bachelor of Computer Science
- Intend to graduate in 2014 with a Minor in Physics
- Enrolled in Computational Science from Fall 2009 through Spring 2010
- 99.0% average on 2.50 units in 4A term (Fall 2012)
- 96.8% average on 2.50 units in 3B term (Winter 2012)
- 95.6% average on 2.75 units in 3A term (Spring 2011)
- 96.6% average on 3.25 units in 2A term (Fall 2010)
- 93.1% average on 3.25 units in 1B term (Winter 2010)
- 94.5% average on 3.25 units in 1A term (Fall 2009)

## Experience

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**Google**  
**Software Engineering Intern**  
January 2013 – present

- Earned co-op rating of "Outstanding" for work on BrailleBack accessibility service for Android.
- Working on Blink rendering engine (part of the Chromium project) in rendering and graphics stacks. No evaluation yet assigned.

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**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."

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**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."

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**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."

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**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

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## 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

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## Transferrable Skills

### Initiative:

- 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.
- At the University of Waterloo, responded to questions by classmates in CS 135 newsgroup, occasionally exploring extracurricular subject matter.

### 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

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## Computer Science Club of the University of Waterloo

- As a member of the Systems Committee (since late 2009) and System Administrator (in fall 2010, spring 2011, and winter 2012), 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.