

Jasmeet Oberai

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Skills Summary

- **Languages:**
 - Mobile: Objective C/C++, Android Java/XML, OpenGL ES 2.0
 - Desktop: C/C++, C#, Java, Visual Basic 6.0
 - Web: JavaScript, CSS3, HTML5, XML/XHTML, jQuery, RoR and Backbone.js, Node.js
 - Scripting: Ruby, Python, Bash, VBScript, AutoIt, ViScript
 - **Platforms and Tools:** Ubuntu, OS X, Windows, Android, iOS, Git, SVN, GDB, Vim, L^AT_EX
 - Agile and iterative, I love to test and I love to script
 - Strong teamwork skills along with excellent analytical, organizational and communication skills
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Experience

Amazon.com Inc.

Software Engineer Intern
Seattle, WA
May. 2014 - Aug. 2014



- Amazon Instant Video - Kindle
 - Added cross team HTTP service integration for the application.
 - Worked on visual design and UI for storefront in XML/Java.
 - Tested against various Kindle Android devices including the Fire phone.
 - Added improvements to internal CMS system.
 - Tools/Frameworks Used: *Git, Eclipse, Android SDK, EasyMock, PowerMock*
 - Earned co-op rating of "Excellent"
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Morega Inc.

Software Developer
Toronto, ON
Sept. 2013 - Dec. 2013



- Firmware Development Team
 - Worked on iOS Video Player App using Objective C/C++ along with in-house C++ libraries to stream video, using OpenGL ES 2.0 for frame rendering and GLSL for shaders.
 - Used GMock and Python libraries to write integration and unit tests
 - Tools/Frameworks Used: *SVN, paramiko, Vim, Bugzilla, XCode, Bash, GMock*
 - Earned co-op rating of "Outstanding"
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Wishabi Inc.

Developer
Toronto, ON
Jan. 2013 - Apr. 2013



- Serverside Development Team
 - Worked on web application implemented in Ruby on Rails running on Amazon Web Services (including S3)
 - Provided support for new features and bugs in existing codebase
 - Assisted in optimizing workflow for internal framework users.
 - Tools/Frameworks Used: *RoR, HTML5, CSS3, MySQL, FogBugz, Git*
 - Earned co-op rating of "Outstanding"
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Sun Life Financial

Software Co-op
Waterloo, ON
May 2012 - August 2012



- Client Computing Department
- Created packages that met enterprise standards for application compatibility
- Automated user installs using VBScript and AutoIt
- Worked with SQL to manipulate user data using C# components
- Tested compatibility in various virtual environments
- Tools/Frameworks Used: *SQL, SCCM, VirtualBox, VMWare, JIRA*
- Earned co-op rating of "Outstanding"

Personal Projects

Sketch Server

<http://git.io/tuKCsQw>

- A real-time multi user sketch pad made using Node.js, Backbone.js, Omni.js, HTML5, and CSS3

ideaHub

<http://git.io/fAlPBA>

- Idea Hub is a web app that allows budding entrepreneurs to share ideas, look for resources, and execute.
- Made using Node.js, MongoDB, Jade/HTML5, CSS3 and jQuery

Goose Pursuit

Available in PlayStore

- 2D Android game created with libgdx based on the classic game Duck Hunt.

Pong-Game

<http://git.io/fJNSdw>

- A remake of another classic, Pong. Made using the C++Allegro library v4

Education

University of Waterloo Waterloo, ON

*Candidate for Bachelor of
Software Engineering
(Co-op)
Sept. 2011 – Present*

- 91% average in 1A term (Fall 2011)
- 88% average in 1B term (Winter 2012)
- **Relevant Courses:**
 - CS 241 - Wrote a compiler from a subset of C to MIPS in Java. Also optimized it to compress output and received congratulations from professor.

Clarkson Secondary School Mississauga, ON OSSD 2011

- 96% average in Grade 12 courses
- Volunteered in Math and Science peer tutoring programs and assisted younger students to achieve a better grade
- Became an Ontario Top Scholar

Awards and Accomplishments

- Dean's Honour List Math/Engineering for 1A and 1B Term , University of Waterloo, 2011 - 2012
- Stackpole International Scholarship 2012, Stackpole International, 2012
- Governor General's Academic Medal , Clarkson SS, 2011
- Presidents Scholarship of Distinction, University of Waterloo, 2011
- Academic Achievement in Computer Science Grade 12 , Clarkson SS, 2011

Activities & Interests

- Love to volunteer in community and attend youth camps and retreats
- I'm a fanatic of the indian drum known as the tabla
- I enjoy listening to music of any shape or form, especially classical
- Playing basketball, soccer, cricket or any other team sports