

Jasmeet Oberai

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Skills Summary

- **Languages:**
 - Mobile: Objective C/C++, 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, Git, SVN, GDB, Vim, L^AT_EX
 - Punctual, able to meet strict deadlines and stay on task
 - Agile and iterative, I love to test and I love to script
 - Strong teamwork skills, along with the the ability to focus on individual tasks when assigned.
 - Excellent analytical skills paired with excellent organizational and communication skills
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Experience

Morega Inc.

Software Developer

Toronto, ON

Sept. 2013 - Dec. 2013



- Development Team (Firmware)
 - Implemented features and applied bugfixes in C++ framework
 - Used GMock framework to create unit tests for implemented features.
 - Worked on iOS Video Player App using Objective C/C++ along with in-house C++ libraries to stream video
 - Used OpenGL ES 2.0 for frame rendering. Implemented fragment and vertex shaders in GLSL for proper texture and color space display.
 - Reimplemented integration test scripts using Python and paramiko/SSH
 - 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



- 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
 - Participated in the agile style of software development (i.e. iterative cycle of development and sprint planning)
 - Corresponded with Operations team to enhance consumer experience on frontend
 - 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 scripting languages such as VBScript and AutoIt
- Worked with SQL to manipulate user data using C# components
- Worked with virtualization software such as VirtualBox and VMWare Workstation to test in various OS environments
- Tools/Frameworks Used: *SQL, SCCM, VirtualBox, VMWare, JIRA*
- Earned co-op rating of "Outstanding"

Personal Projects

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

Sketch Pad

<http://git.io/Uf6RRw>

- A client-side sketch pad made using JavaScript, HTML, and CSS3

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 C++. 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**
- **Queen Elizabeth II Aiming for the Top Scholarship, 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