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, LaTeX
- 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

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 to 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"

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"

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 Scolarship 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, espessically classical
- Playing basketball, soccer, cricket or any other team sports