Justin Jung

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SKILLS

- OOP Languages   Java, C, C#
- Web & Server   HTML5, CSS3, PHP, MySQL
- JavaScript   jQuery, Underscore.js Backbone.js, AngularJS
- Mobile   Android
- Operating Systems   Windows, Linux
- Cloud Services   Amazon Web Services (AWS)
- Version Control   Git

PROJECTS

TodoJS – multiple JavaScript frameworks
Project to demonstrate and compare different JavaScript frameworks
Covers jQuery, Backbone.js, AngularJS and more
http://ec2-54-69-101-46.us-west-2.compute.amazonaws.com/TodoJS

Web App Flappy Bird (guided by online tutorial)
Imitated Flappy Bird as a web app and uploaded to personal website
Guided by HTML5 Game Programming Tutorial available in YouTube
http://justinjung90.com

Android Game – Battle of the Somme (available in Google Play)
An epic memory game with charming features (competition, rewards, skins)
Enjoyed not only programming, but also UI/UX design & overall game flow!
https://play.google.com/store/apps/details?id=com.luxl.botsandroid

20 Java Demo Programs (30+ Java Design Patterns)
Demonstration programs for Java available in GitHub
https://github.com/justinjung90?tab=repositories

CoderByte Programming Challenges
45+ programming challenges solved with Java
http://www.coderbyte.com/CodingArea/Profile/?user=justinjung90

WORK EXPERIENCES

Software Developer, Blue Marble Labs Inc, Delta, BC   Jan. 2015 – Jun. 2015
6 months contract to develop an Android app. Worked on a full stack development including Bluetooth communication, server-side communication, Google Maps, Android SQLite and custom UI element designing.

Research Scholar, Boston University, Boston, MA, US   Jun. 2013 – Dec. 2013
Research on digital Diffuse Optical Spectroscopy (dDOS) for breast cancer monitoring
(2 manuscripts published + oral presentation in San Francisco)

Hardware Designer, ReFleX Wireless Inc, Vancouver, BC   Sept. 2012 – Apr. 2013
Involved in web design using HTML, CSS and JavaScript

Electrical Engineering Coop, Christie Digital, Kitchener, ON   May 2011 – Aug. 2011
Led a R&D project on high power optical blending using optical filters

Manufacturing Coop, Sandvine Inc, Waterloo, ON   Sept. 2010 – Dec. 2010
Repaired network-improving units in a daily basis (20 – 30 units per day)

ASC Test Technician, Teledyne DALSA Inc, Waterloo, ON   Jan. 2010 – Apr. 2010
Built and tested cameras using lab equipment and software

Junior Project Manager, Pathway Communications, Markham, ON   May 2009 – Aug. 2009
Managed ISO 9001:2008

EDUCATION

Bachelor of Applied Science, Electrical Engineering, University of Waterloo
Graduated with cumulative average of 80%   Sept. 2008 – Apr. 2014

AWARDS & FUNDINGS

BU UROP (Boston University Undergraduate Research Opportunities Program) Funding, Boston University, 2013 ($1400)

NSERC (National Sciences and Engineering Research Council of Canada) Funding, Canada, 2013 ($4500)

1st place, STA (Society for Technology in Anesthesia) Engineering Challenge, 2013
($500 winning prize and a certificate of recognition from STA)

Technical Presentation – Honorable Mention, Technical presentation competition, Christie Digital, 2011 ($100 winning prize – 3rd place)

President's Scholarship of Distinction, University of Waterloo, 2008 ($2000)