

Justin Jung

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Portfolio: ec2-54-69-101-46.us-west-2.compute.amazonaws.com/ToDoJS/contact.html

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SKILLS

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



BM0 – Project at Blue Marble Labs Inc

Commercial app with Bluetooth Low Energy and server communication for environmental health analysis. Includes Google Map integration, Android SQLite and a custom plot.



Tag Notes

Website that introduces a smart design for saving/sorting notes. Used Webpack, React and React-Bootstrap for a high-quality front-end.

<http://ec2-54-69-101-46.us-west-2.compute.amazonaws.com/TagNotes>



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>



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>



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>



20 Java Demo Programs (30+ Java design patterns)

Demonstration programs for Java available in GitHub.

<https://github.com/justinjung90?tab=repositories>

WORK EXPERIENCES

Software Developer, Blue Marble Labs Inc, Delta, BC Jan. 2015 – Present
6 months contract to develop an Android app. Worked on a full stack development including Bluetooth Low Energy communication, server 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)

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)