

Justin Yongju Song

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SUMMARY OF QUALIFICATIONS

- Diverse international experience across Canada, South Korea, and Singapore.
- 5 years of various computer programming related work experiences in Canada
- Well-developed analytical skills and mathematical interest enabling to approach the problem both mathematically and globally.
- 3 years of experience in a formal research and laboratories.
- 4 years of volunteer experience in Canada including community services and retailing skills.
- Mother tongued in both English and Korean, intermediate listener & speaker in Japanese.

EDUCATION & ACADEMIC ACHEIVEMENTS

University of Toronto, Toronto, ON. Sept 2014 – Current

GPA: 3.43/ 4.0 Expected Graduation: May 2019

- 3rd year in Bachelor of Science, Computer Science Specialist (Focus in AI and Machine Learning) and Major in Statistics.
- Awarded the Entrance Scholarship at University of Toronto in 2014.

International Baccalaureate, Vancouver, BC. Sept 2011 – Jun 2014

- Completed Pre-IB and International Baccalaureate Diploma Program. IB Final Score: 36/45

TECHNICAL SKILLS

Computers: Arduino UNO, HTML, Dreamweaver CS3, Adobe Firework, Python 3, Java, C, C++
MS Excel, Powerpoint, JavaScript (Jquery), Xquery, XML, Xpath, CSS, PHP 7

Engineering: RAM testing, Verilog HDL & Modelsim, Soldering, Altera Quartus FPGA

Platforms & DB: AIX, RedHat, Ubuntu, Power RedHat, DB2, Oracle, PostgreSQL, Windows

COMPUTER SCIENCE RELATED EXPERIENCES

MDM Software Developer Intern – IBM, Markham, ON. Sept 2016 – Current

- Developed two Report Website Interfaces that manage the UI and QA results using PHP 7, CSS, jQuery, JSON, JavaScript, Java, HTML, and DataTables. The server was set with Ubuntu and Apache2, the DB2 was used to handle the incoming data.
- Have done Quality Assurance using Selenium for QA for 2 months.
- Implemented a slack App through shell scripting with slack-Web hook integrations API (with a bit of JSON) to notify the QA result whenever the new build installation is out.
- Troubleshooted WebSphere Application Server (Version 8.5.5.5 or older including 9) for its Node or Domain Manager problem for the installation.
- Improved CI pipeline for MDM delivery team through Jenkins and Cronjob on all platforms (AIX, RHEL, Ubuntu) using Java, and Perl Script.

Computer Science Ambassador – UofT, Toronto, ON. Sept 2015 – Aug 2016

- Assisted Department with computer science skill set related, taught Python3 and helped the computer science workshops for the coming first year computer science students
- Organized and assisted Career workshops that is happening at Bahen Centre, Toronto, ON.

Summer Dry Lab Researcher – UofT iGEM, Toronto, ON. May 2015 – Sept 2015

- Researched on oil sand ponds and its biomolecular structure in order to find a sufficient way to develop a DNA model which prevents a further destruction of the oil sand pond site.
- Developed the Framework of the ConsortiaFlux Interface using BioJava, D3.js and JavaScript interacting with Node and Edges.
- Awarded the 2nd place at the iGEM 2015 Competition that was held in Boston, US for the recognition of the project and proposal.

Cast Assistant – Toronto 2015 PanAm Games, Toronto, ON. April 2015 – Aug 2015

- Helped both opening and ending ceremonies of the game events in Toronto, Ontario.
- Managed and developed the webpage for Toronto 2015 Pan Am Games Volunteer Portal using HTML and JavaScript. Contributed a minor fix that happened with the UI.

Hardware Repair Assistant – Johns' Juke Ltd, Vancouver, BC. Mar 2013 – April 2013

- Fixed the machine and teared machine apart for recycle process.
- Troubleshooted any Jukebox or ping pong machines relating to any hardware issues.
- Built a simple Pac Man on top of the gameboard machine using Java and the framework the company provided.

Technician Intern – Free Geek Vancouver, Vancouver, BC. Dec 2012 – Jan 2013

- Fixed the hardware of the computer, mostly did RAM cleaning and testing of the computer motherboard to help Metro Vancouver's machine recycling process.
- Also worked as a manager to help other volunteers coming to the worksite to learn new computer related skills.

Software Lab Student Intern – Computers for School, Vancouver, BC. July 2012 – Aug 2012

- Repaired and refurbished computer equipment (ex. Mother board and computer system environment settings).
- Prepared and packaged computers for shipment.

ADDITIONAL EXPEREINCES

Debate Delegate – Model United Nation, Vancouver, BC. Mar 2013 – Aug 2014

- Organized and proposed the plan to solve the global issues such as GMO food, and erupting civil war.

Cashier – 2013 Vancouver Mini Maker Faire, Richmond, BC. May 2013 – Jun 2013

- Handled the budget and event's cashier and did a help desk for the event.

Volunteer – Renfrew Park Community Centre, Vancouver, BC. May 2012 – Aug 2012

- Assisted club activity that is happening at the community center during summer vacation.