Ivan Pan

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EDUCATION

MCMASTER UNIVERSITY
Software Engineering and Management
Expected May 2019 | Hamilton, ON
Cum. GPA: 3.9 / 4.0
Dean's List (All Semesters)

VICTORIA PARK CI IB
Grad. May 2014| Toronto, ON

LINKS

Github:// **ivansgit**
LinkedIn:// **ivan-pan**

COURSEWORK

UNDERGRADUATE
Linear Optimization
Large System Design
Theory of Computation
Parallel Computing
Functional Programming
Data Structures And Algorithms
(Teaching Asst)

INDEPENDENT
Machine Learning - Stanford Open Course
Introduction to Robotics - Stanford Open Course

SKILLS

PROGRAMMING
Over 5000 lines:
Java • Shell • JavaScript
React Native • Python • SQL
Over 1000 lines:
C • C++ • PHP • C#
Familiar:
Swift • Android • PHP

EXPERIENCE

MANULIFE FINANCIAL | Software Engineer
May 2017 – Sep 2017 | Waterloo, ON
- Developed internal application using Jira API and React to track issues
- Led customer demos presenting solutions to various stakeholders
- Fixed bugs and improved UI on Manulife's group benefit website
- Winner of Manulife's Redlab Innovation Challenge introducing peer-to-peer bank transfers presenting solution to VPs

TORONTO TRANSIT COMMISSION | Quality Assurance Analyst
Jun 2016 – Dec 2016 | Toronto, ON
- Authored VBScripts to create formatted test plans and analyze provided data
- Queried the back end using MySQL to verify test cases and uncover defects
- Isolated, and replicated defects to ensure consistency before reporting issue
- Ensured that validated deliverables met functional and design specifications and requirements

PROJECTS

ROCKET | React Native App
Jun 2017 – Present | Toronto, ON
Created a react native app for Toronto Commuters to take the subway with more efficiency.
Launching in March of 2018

HOLOBODY | Unity AR application
Jan 2017 – May 2017 | Hamilton, ON
Educational app using augmented reality to project 3D holographic models of the human anatomy. Created using Vuphoria SDK, Unity and, C#
Awarded 1st Place Overall at McMaster's DeltaHacks III
Finalist of Forge Startup Competition and was offered spot in incubator

AWARDS

Year	Place	Event
2017	2nd	Hack Harvard
2017	1st	Delta Hacks III
2016	1st	Local Hack Day
2016	2nd	Accuweather Hackathon
2014	2nd	Deca Provincials Marketing

OTHER ACTIVITIES

Year	Role	Event
2016	Participant	Toronto Waterfront Marathon
2014	International	First Robotos Competition
2014	ICDC	Deca Marketing