

# JEFFREY HO TAK SHAN

**2B Electrical Engineering  
Waterloo ID #20413504**

Local :

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## TECHNICAL QUALIFICATIONS

<b>Computer Languages</b>	C++, C#, HTML, CSS, SQL, Java, VHDL, Visual Basic, MPLAB assembly language
<b>Programs</b>	Quartus, Eclipse, MATLAB, System Center Configuration Manager, Microsoft Office

## PROFESSIONAL QUALIFICATIONS

- Excellent interpersonal skills developed through work experience at Sun Life Financial
- Knowledge of agile methodologies and scrum planning through experience at Zynga
- Excellent team work and collaboration skills developed through working at Rogers Communication Inc.
- Strong written and verbal communication skills in English and French
- Leadership and teamwork skills built through involvement in the FIRST Robotics team

## WORK EXPERIENCE

**ZYNGA – Toronto**  
Software Test Engineer

May 2014 - Aug 2014

- Acted as QA lead and signed off on properly tested builds for iOS and Android platform devices
- Wrote and followed test plans to detail
- Participated and provided valuable input in the new big app feature meetings
- Logged detailed issues into JIRA and kept track of the bugs for regression testing
- Used eclipse DDMS to debug and keep track of crash logs

**SUN LIFE FINANCIAL – Toronto**  
On-Site Support Specialist

Jan 2013 - April 2013

- Imaged Win 7 and other applications on machines for weekly hardware refreshes and lab requests
- Communicated with clients to diagnose and troubleshoot issues with VPN remote access
- Managed the administration of users' encrypted profiles using McAfee ePO
- Assisted in monthly audits and updated the status in inventory accordingly
- Used the configuration manager to distribute applications to users over the network

**ROGERS COMMUNICATIONS INC. – Brampton**  
Technical System Analyst

Dec 2011 - April 2012

- Created and managed work orders for weekly/monthly releases
- Troubleshoot issues raised by the other teams during the daily status call
- Represented the team in release management meetings
- Implemented a team intranet Wiki site with XAMPP web based server applications

## RELEVANT PROJECTS

### **Traffic Lights Sequencer**

University of Waterloo, Digital Circuits

May 2013 – Aug 2013

- Implemented traffic lights simulator with FPGA chip in VHDL using Quartus design software
- Gained exposure to finite state machines and sequential logic design

### **Robot Car with Remote Control Capabilities**

Brebeuf College School, Computer Engineering Course

Sept 2009 – June 2011

- Experience on soldering, drilling and etching board
- Programmed remote control capabilities using PIC assembly language in MPLAB
- Gained exposure to various electrical components and PCB components assembly

### **FIRST Robotics Competition**

Team Leader of Brebeuf's Robotics Team

Dec 2010 - March 2011

- Worked with the team in assembling the robot using various power tools
- Contributed to solving problems which arose with the construction and design of the robot

## EDUCATION

### **UNIVERSITY OF WATERLOO**

2011 - Present

Candidate for Bachelor Applied Sciences

Honours in Electrical Engineering, Co-operative program

Relevant Courses:

ECE 240 & 242: Electronics Circuits I & II

ECE 207: Signals and Systems

ECE 250: Data Structures and Algorithms

### **BREBEUF COLLEGE SCHOOL**

2007 - 2011

Ontario Secondary School Diploma

Honour Roll for achieving over 80% overall average

## ACHIEVEMENTS

- Merit of Scholarship, University of Waterloo, September 2011
- Brother Edmund Rice's award for receiving honour roll in all four consecutive years of high school
- French Award in grade 9-12 of high school for receiving the highest average in Extended French