PHAT TRAN

B.ASc, 1A Mechatronics Engineering, University of Waterloo

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SUMMARY OF QUALIFICATIONS

- Excellent time management skill; able to consistently meet deadlines under high pressure
- Learned C# and finished a project using the language in 30 days
- Led a group to win the first place in Scavenger Hunt
- Attended every basketball and volleyball team practice for 2 years; demonstrating outstanding commitment
- Gained knowledge in AutoCAD and SolidWorks through Engineering Graphics & Design course and workshops

PROJECTS/ ACTIVITIES

CODE – A – THON   *(June 2014 – Aug 2015)*

Self-learned JavaScript, Python, C++, HTML and CSS from online resources

SMART BATTERY CHARGER   *(Aug 2015)*

LINUX
C#

I'm comfortable!

... that automatically charges and discharges when laptop's battery level reaches the threshold
- Designed and assembled the circuit board
- Set up and controlled Raspberry Pi running Debian-based OS via SSH
- Modified a git project from GitHub to start simple web services and to control the relay
- Wrote a WPF application using Visual Studio 2015 to control the Raspberry Pi by sending HTTP requests

THEREALBOOKCHALLENGE

Read and documented key notes on 10 non-fiction books in 30 days   *(Aug 2015)*

EXTRA-CURRICULAR ACTIVITIES

GRADE 12

Volleyball Team

MECHANICAL ASSOCIATE, *Robotics Club* 🤖 *(Oct 2014 – May 2015)*
- Assembled the pulley system attached to the arm of the robot to pick up bins and totes
- Contributed to the improvement of our team ranking from 22nd to 17th out of 42 teams through assisting in upgrading the arms of the robot

PRESIDENT, *Ping-pong Club* 🏓 *(Jan 2015 – June 2015)*
- Publicized the club, which increased the total number of participants by 16
- Organized monthly ping-pong tournaments for up to 20 members
- Communicated with club members with regard to changes in session schedule and tournament player pairing

PRESIDENT, *Technology Club* ⓘ *(Sep 2014 – Oct 2014)*
Technology Club's mission was to develop an application to update the school's digital billboard
- Presented about Technology Club in Clubs Day in front of 500+ students and teachers
- Organized members into different teams (i.e. Development, Graphic Design, Content Editing, etc.) and appropriately delegated tasks based on their skills and interests
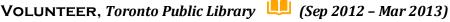- Coordinated scheduled team meetings to follow up with team progress

GRADE 11

Volleyball Team

SENIOR BIKE BUILDER, *Bike Club* 🚲 *(Sep 2013 – May 2014)*
- Built a mountain bike from scratch at Bike Pirates, a nonprofit-DIY organization
- Provided help and assembling instruction to junior members
- Implemented new suspension system for personal mountain bike

GRADE 10

Basketball Team

VOLUNTEER, *Toronto Public Library* 📖 *(Sep 2012 – Mar 2013)*
- Designed posters for promoting the library's events on Saint Patrick's Day
- Initiated Summer Reading Challenge among volunteers