

PHAT TRAN

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

📍 3055 Kirwin Avenue, Mississauga, ON L5A 2K8

📞 (647) 607 - 4207

✉️ pdtran@uwaterloo.ca

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
- ✓ 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)



... 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



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

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

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



Volleyball
Team

Basketball
Team