

Timothy Lock

(07/2012 - 08/2012)

8th Markham - Scouts Canada

Education University of Toronto (09/2014 - present)

Bachelor of Computer Science

St. Augustine Catholic High School (09/2010 - 06/2014)

OSSD Diploma - Specialist High School Major (Technology)

Technical Skills Programming Languages: Golang, PHP, Java, Python, C++, C, SQL, HTML, Javscript

Version Control: Git, Subversion

Operating Systems: Windows, Unix, Linux

Relational Databases: SQL

Hardware: Networking, Soldering, Assembling computers

IT: Technical support, Server maintenance

Work Experience Associate Platform Engineer

Wattpad Toronto, Ontario (05/2017 - present)

• Develop APIs for the Wattpad ecosystems

• Add new features to the platform

• Work on the Wattpad Premium subscription backend

Computer Instructor LogicFusion Ltd.

Markham, Ontario (07/2015 - present)

• Teach students programming, hardware, robotics, game design

• Create and update new courses

Co-op Student Tertec Enterprises Inc.

Markham, Ontario

• Solder components onto circuit boards

• Effectively collaborate with other employees

• Build testers for automotive companies

Other Experience Aerial Robotics Lead

University of Toronto Aerospace Team

(2015 - present) Toronto, Ontario

• Develop the software program for the autonomous quadcopter

• Ensure the quadcopter operations are within allowable limits

Rover and Server Administrator

Markham, Ontario (2014 - 2016)

Scout Member (2000 - 2014)

• Guide other patrol members in reaching set goals

Design the front end of the site and maintain the server

Tech Crew Lead St. Augustine Catholic High School

Markham, Ontario (09/2010 - 09/2014)

• Set up and operate sound and lighting equipment



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Executive Member

Markham, Ontario

Unionville Youth Council (09/2010 – 07/2014)

- Collaborate with other members in events
- Representative for Unionville Youth Council for Unionville Home Society
- Attend executive meetings to help run the council and organize various events in the community

Awards/ Certifications

MHacks Apple Sponsorship Prize. University of Michigan. 2015 – Building the best hardware hack judged by Apple.

MHacks Intel Sponsorship Prize. University of Michigan. 2016 – Best use of the Intel Edison (Control a quadcopter via a WiiU Gamepad)

Queens Venturer Award. Governor General of Canada. 2015 – The highest Scouting proficiency award for youth members in Scouts Canada.

Medal of Maple For Distinguished Youth Service. Scouts Canada. 2015 - Significantly contributed to the spirit of Scouting through community service, extraordinary Scouting participation and a solid system of personal values.

Waterloo Computing Award. St. Augustine Catholic High School. 2014 – For top score in the Waterloo Canadian Computing Competition.

UOIT Robotics Winner Award. University of Ontario Institute of Technology. 2014 – For top score in the UOIT Robotics Competition.

Lieutenant Governor Volunteer Award. Government of Ontario. 2014 – For going above and beyond. Most volunteer hours in the school (1000+ hours)

Leadership in Training Certificate. Town of Markham. 2011 – For the completion of the LIT course.

High Five Certification. City of Markham. 2015 – For the completion of the High Five Leadership staff course.