

## Summary of Qualifications

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- Strong communication skills from exposure to public speaking, able to express ideas to people of all technical levels
- Able to quickly learn and apply new concepts, such as languages to meet project needs
- Exceptional teamwork skills demonstrated when placed in various group settings
- Three years of self-taught programming experience, developed in C++, Python, AngularJS
- Experiences with AutoCad, Solidworks, Arduino, RobotC, Git

## Projects

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### PERSONAL WEBSITE

Dec 2016

- Build an online portfolio, [www.yanske.me](http://www.yanske.me), using HTML/CSS and Bootstrap

### TRON TABLE TENNIS TRAINER

Nov 2016 – Dec 2016

- Automatic table tennis ball shooter created for first year mechatronics concepts course project
- Build using RobotC (C based language), 3-D printed gears, laser-cut acrylic frame, and Mindstorm sensors

### SYNCIN

Sep 2016

- Designed for Hack the North to streamline interactions between employers and candidates in job fairs by using iBeacons
- Designed the web app UX and the database, pair-programmed to create front-end, using AngularJS to handle events
- Created business plan and sales pitch and presented to judges
- Led team discussion as we switched ideas mid-way and implemented previously written code in new idea

### APPC WIND TUNNEL

Dec 2015 – Feb 2016

- Culminating project for AP Physics C
- Designed and constructed an Arduino based wind tunnel capable of detecting aero-dynamical forces on various airfoils
- Designed wind tunnel frame and connected sensors to a MatLab interface

## Experiences

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### DIRECTOR OF WEB OPERATIONS – TOPS Program – Toronto, Ontario

Sep 2012 – June 2016

- Worked from position of Junior Web Developer to Director of Web Operations in four years
- Led technical aspects of program events including TOPS Registration, TOPS Information Night, and TOPS Exam
- Mentor and delegate a team of junior web developers
- Worked closely with school administration to maintain the TOPS program website

### REAL ESTATE AGENT ASSISTANT – AimHome Realty Inc. Brokerage – Toronto, Ontario

July 2015 – Sep 2016

- Worked two summer terms assisting in day-to-day operations of a real estate agent
- Communicate with clients to finalize paperwork and act as a liaison to the agent
- Research property information for agent upon request
- Update website with current and archived listings

## Education

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### HONORS MECHATRONICS ENGINEERING, CO-OP – University of Waterloo – Waterloo, Ontario

2016 – Present

- Candidate for Bachelor of Applied Science (Honors BASC), expected to graduate in 2021
- Recipient of President's Scholarship of Distinction and Engineering Entrance Scholarship
- 95.5% cumulative average

### TALENTED OFFERING FOR PROGRAMS IN THE SCIENCES (TOPS) – Marc Garneau C.I. – Toronto, Ontario

2012 – 2016