

Daniel Huang

(519) 722-9396 | daniel.huang1@uwaterloo.ca
linkedin.com/in/daniel-huang9 | github.com/danielhuang9

SUMMARY OF QUALIFICATIONS

- Strong communication skills demonstrated through placing in the top 10 competitors in DECA (business case study competition)
- Solid leadership skills through leading high school soccer team as a team captain

TECHNICAL SKILLS

- Proficient in C++, Python, Java, SQL, BASIC
- Skills with Raspberry Pi, woodshop and solder lab
- Experience in building projects with electronic components (circuit boards, resistors, transistors, chips, etc.)

PROJECTS

Spell Check	July 2020 - Aug 2020
<ul style="list-style-type: none">• Built a spell checker in C++ to parse individual words from a user input text file and return misspelled words	
Firefighter Robot	Sept 2019 - Feb 2020
<ul style="list-style-type: none">• Developed a firefighter robot using AutoCAD, BASIC, circuit boards, PIC microcontrollers and sensors• Programmed a wall follower algorithm in BASIC to navigate complex $25m^2$ mazes to find and extinguish fire	
Humidity Monitor	July 2018 - Dec 2018
<ul style="list-style-type: none">• Built a real-time humidity detector with Raspberry Pi, Python and breadboard components to monitor humidity levels in basement• Implemented a program on Raspberry Pi to notify users via e-mail and light up an LED when humidity reached a threshold in real-time	

WORK EXPERIENCE

Kam Yin Restaurant , Waterloo, Ontario	Jan 2019 - July 2019
<ul style="list-style-type: none">• Prepared takeout orders efficiently and accurately while multi-tasking up to 30 orders at a time• Communicated with customers through taking orders and serving food• Adapted to work under high-pressure	
South Cambridge Kumon , Cambridge, Ontario	July 2018 - Sept 2018
<ul style="list-style-type: none">• Tutored students in elementary level Math and English subjects• Developed customer service skills by marking worksheets and communicating with students	

AWARDS AND ACHIEVEMENTS

• University of Waterloo President's Scholarship of Distinction	2020
• Nortel Networks Undergraduate Scholarship	2020
• Canadian Senior Math Contest Distinction	2020
• DECA (international business case study competition) Top 10 Ranked	2020
• MVP of high school boys' soccer team	2018

EDUCATION

Bachelor of Applied Science in Computer Engineering	June 2025 (expected)
<ul style="list-style-type: none">• Average: 89%	