

SKILLS

Software

HTML/CSS, Python, C++, Git, Jira
PIC BASIC programming

Hardware

Electrical Schematics, Soldering,
Wiring, Multimeter troubleshooting

Design

Figma, Adobe Photoshop & Premiere,
Solidworks (Dec 2020), Procreate

Leadership

Project management, Strategic
planning, Public speaking

Languages

English, French

EDUCATION

B.A.Sc Systems Design

Engineering

University of Waterloo

AWARDS

TD Scholarship for Community Leadership (\$70,000 - Top 0.5%)

*Recognizes 20 Canadian students who have
demonstrated outstanding dedication to
making their community a better place*

UW Alumni Women in Technology Entrance Scholarship (\$5,000)

*Selected on the basis of secondary school
performance and extensive involvement in
extracurriculars from a pool of 65 (top 0.8%)
Engineering Entrance Award recipients*

University of Waterloo President's Scholarship of Distinction

Entrance average of 97%

4x Provincial Medallist at DECA Ontario Business Competition

*Projects involved understanding the needs of
target customers and proposing cybersecurity
and virtual reality solutions*

SHAD Fellow

*Accepted into and completed award-winning
STEM enrichment and entrepreneurship
program*

INTERESTS

FIRST Robotics, tech for social good,
hockey (Alternate Captain), camping,
cinematography, student leadership

EXPERIENCE

Student Software Developer — Auvik Networks

JUL 2019
AUG 2019

- Localization of the Auvik product
 - Designed a process to translate and render the entire Auvik product in over 20 languages using Python, GitLab and AWS (Translation), making it possible for Auvik to enter new international markets in the future.
- Business intelligence tools
 - Developed SQL queries to gain insight into how Auvik customers use devices on their networks and manipulated the data using Python.
 - Designed interactive Looker dashboards that presented data in informative ways, improving customer support and increasing the efficiency of Auvik employees when analysing customer behaviour.

Chair — SVP Teens Waterloo Region

SEPT 2015
JUL 2020

- Spearheaded the rapid expansion of the youth philanthropy program, increasing the membership from 8 to 85 members in July 2019.
- Secured a \$20,000 grant from the Kitchener-Waterloo Community Foundation to ensure long-term sustainability of the program.
- Screened annual grant applications and, as a group, selected one charity each year to receive funds raised by SVP Teens.
- Awarded over \$22,000 to organizations supporting low-income families and youth, women's health, restorative justice programs, and children dealing with the criminal justice system.
- Personally recognized by SVP International for the success of the program, co-wrote the SVP Teens Program Guide —an extensive package of resources for international SVP chapters that want to replicate the success of the Waterloo chapter.

PROJECTS

Firefighter Robot

JAN 2020

Designed, constructed, and programmed an autonomous maze-navigation robot

- Scoped the project and developed design objectives based on the maze environment, deadline, budget, and technical capabilities of materials.
- Set and followed up on key deadlines to ensure the project was completed with enough time to test and iterate the final design.
- Designed PCB Boards and CAD Drawings, programmed the robot to use infrared inputs to make navigation decisions, soldered and constructed electrical and mechanical components of the robot.

SVP Teens Website

JUNE 2019

Developed the SVP Teens Website using Wix

- Recognized SVP Teens was lacking documentation and a way to efficiently collect funds from a rapidly growing team.
- Created the Member Resources zone, a series of pages that organized important resources and documentation for members, increasing the efficiency of the entire team.
- Designed and developed paypal-enabled fundraising pages that allowed for the submission of over \$3,000 in funds over the course of the year. The ability to fundraise virtually was essential during the COVID-19 pandemic.

Case Study: Pharmacy X Cybersecurity

FEB 2019

Tailored cybersecurity solutions to the needs of a small business owner

- Conducted extensive research into the cybersecurity needs of small businesses by conducting interviews and consulting IT professionals.
- Outlined a comprehensive sales pitch, tailoring the presentation to the unique security needs of a locally-owned pharmacy while adjusting vocabulary to explain IT problems with accessible language and analogies.