Jocelyne Murphy

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SKILLS

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

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

Hardware
Electrical Schematics, Soldering, Wiring, Multimeter troubleshooting

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

WaterCOOLer
AUG 2020

Developed the front end and UI for WaterCOOLer, a web-application that connects university students in a pressure-free environment between study sessions

- Designed the main interface, landing page, logo, and branding for the product using Figma.
- Developed the main interface using HTML and CSS, allowing users to easily navigate and interact with a virtual "office space" and take breaks between study sessions at the "watercooler".

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.