

SOPHIE STUPALO

UNIVERSITY OF WATERLOO
3B BIOMEDICAL ENGINEERING
STUDENT - 4.0 GPA

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GitHub
LinkedIn

Please visit my website for a more detailed description of my experience

SOFT SKILLS & QUALITIES

- Product management
- Problem solving
- Resourcefulness
- Leadership
- Organizational
- Work ethic

TECHNICAL SKILLS

- ReactJS
- C++
- R with Shiny and ggplot2
- OOP
- Arduino
- Version control
- CAD and 3D Printing
- DaVinci Resolve

INTERESTS

- Entrepreneurship
- Hockey, lacrosse, and volleyball
- Crochet
- Mario Kart Wii

WORK EXPERIENCE

GOFLEET CORPORATION

Product Manager | May 2022 - August 2022

- Practiced effective product management through the ownership of two software products: ZenduTimeCard & Support Ticket
- Designed and managed the implementation of a self-serve model for our ZenduWork work order management software
- Developed comprehensive user journeys for a new marketplace app
- Collaborated with designers, developers, managers, and other stakeholders from various departments and global sites.

CHRISTIE DIGITAL SYSTEMS

Agile Software Developer | September 2021 - December 2021

- Simulated colour divergence and chromatic aberration in an interactive web app using JavaScript, C++, CUDA, and OpenGL shaders

DEPT. MANAGEMENT SCIENCES, UNIVERSITY OF WATERLOO

Developer Research Assistant | January 2021 - April 2021

- Used the engineering design process to brainstorm, develop, and deploy an R Shiny web app which produced custom data visualisations in support of the engineering accreditation process

GUMSTIX RESEARCH CANADA

Platform Developer Intern | May 2020 - August 2020

- Contributed to the development of hardware-specific embedded Linux distributions for custom PCB assemblies using Yocto.

PROJECTS

PORTFOLIO WEBSITE

Personal Skill Development | May 2022 - August 2022

- Independently designed, developed, and deployed a personal website using Figma, ReactJS, and Github Pages

UNIVERSITY OF WATERLOO FIELD LACROSSE CLUB

Founder and President | September 2019 - Present

- Built the team around the core values of diversity, equity, and inclusivity
- Chaired weekly executive meetings
- Planned and executed detailed practices that cater to all skill levels

AWARDS

DEAN'S HONOURS LIST

2B & 3A School Terms | Spring 2021 & Winter 2022

CANADIAN ENGINEERING MEMORIAL FOUNDATION UNDERGRADUATE AMBASSADOR

Regional Award - Ontario (\$5000) | 2021

ONTARIO PROFESSIONAL ENGINEERS FOUNDATION

Undergraduate Scholarship (\$1500) | 2020

PROFESSIONAL ENGINEERS ONTARIO BRAMPTON CHAPTER

Women in Engineering Scholarship (\$1000) | 2019