

Jocelyne Murphy

CONTACT

✉ jocelynemurphy@gmail.com

🖱 jocelynemurphy.ca

🌐 linkedin.com/in/jmurphyy

🐙 github.com/jocelynemurphy

SKILLS

Software

Typescript, React, Angular, Node.js, Python, C++, SQL, Jest, Jasmine

Tools

Git, Looker, Periscope Data, Jira, Shortcut, Notion, Storybook, VS Code, Visual Studio, CLion, Figma, Photoshop, Procreate

Product Management

Systems thinking, User Research, Information Architecture, Wireframing & Prototyping, Visual Design

EDUCATION

University of Waterloo

B.A.Sc Systems Design Engineering

September 2020 — April 2025

3.78/4.0 GPA

10 years of French Immersion

AWARDS

TD Scholarship for Community

Leadership (\$70,000 - Top 0.5%)

Recognizes 20 Canadian students who have demonstrated outstanding dedication to their community

UW Alumni Women in Technology Entrance Scholarship

Promoted from a pool of 65 recipients of the Engineering Entrance Award (Top 0.8% of Waterloo Engineering students)

4x Provincial Medallist at DECA Business Competition

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

EXPERIENCE

Software Engineer | Clearco

May 2022 — July 2022

Technologies: Typescript, Node.js, SQL, Docker, Periscope Data, Shortcut, NestJS

- Led an epic to modify queries and introduce 53 additional currencies in underwriting, increasing founder revenue recognized by Clearco by ~1% (\$625M USD) and resulting in faster re-deployment of funds to founders

Student Venture Partner | Contrary Capital, UW Startups

October 2021 — Present

- Built a community of over 250 entrepreneurial students by hosting events, sharing resources, and providing feedback to founders

Software Developer | Miovision Technologies

September 2021 — December 2021

Technologies: TypeScript, C#, Angular, Jasmine, Tailwind CSS, Jira

- Rebuilt the frontend of Miovision's core internal video processing application on a team of 3 by implementing new features with over 85% test coverage, delivering the product 3 weeks ahead of schedule
- Added new functionality to REST APIs in the Validator, Controller, and Manager layers of the backend

Software Developer, Product Owner | Auvik Networks

January 2021 — April 2021, July 2019 — August 2019

Technologies: TypeScript, React, Backbone Marionette, Jira, Looker, Python

- Queried and presented data in Looker dashboards, providing insight on customer behavior and improving the efficiency of customer support
- Increased speed of pipeline tests by 30% by upgrading test framework
- Led a design sprint, wrote user stories, and created Jira tickets to establish context and facilitate collaboration between designers, product managers, and developers
- Developed a 30-page onboarding guide for all future R&D hires

Chair, Volunteer | SVP Teens Waterloo Region

September 2015 — July 2020

- Fundraised and awarded over \$22,000 to local charities
- Spearheaded the reform of the organization and built an interactive website, resulting in unprecedented recruitment success and an expansion of the philanthropy program from 8 to 85 active members
- Secured a \$20,000 grant, architected the governing structure, and hired an employee to ensure sustainability
- Built a guide for SVP International to replicate the success of the program

PROJECTS

Community Fridge | React, Typescript, ChakraUI, Docker | December 2021

Collaborated to develop an open-source tool that coordinates the donors and volunteers of a nonprofit to reallocate food waste from businesses to charities

Project READ | React, Material UI, Python | August 2021

Contributed frontend and backend features to a web application that streamlines outreach and operational processes for family literacy programs