

# Michelle Steen

Systems Design Engineering

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## Experience

### Quality Systems Engineer

#### Omniscient Neurotechnology / Sept – Dec 2022

- Developed, deployed, and validated eQMS workflow for automated tool validation in accordance with ISO 13485 and consideration of stakeholder requirements
- Conducted 20+ design reviews and research to ensure the accessibility of UI designs for colour-blindness
- Led a continuous improvement initiative by identifying inefficiencies, project managing, and coordinating with team members to enhance the productivity of tasks by 30%.
- Organized schedules and responsibilities to team members to prepare for surveillance audit to MDSAP, resulting in zero non-conformances or findings

### Product QA Testing Associate

#### AceAge / Jan – May 2022

- Developed and implemented 200+ test cases using Zephyr and provided feedback to the team from a customer perspective
- Performed API tests using Postman to verify new software and system releases
- Created Confluence pages of team workflow documents and enhanced onboarding pages for future co-ops

### Project Manager

#### CauseMatch / June - Aug 2021

- Designed and developed JQL/SQL based project management tool to help executives track status of 30+ multi-phase projects
- Identified the product goals of a digital marketplace by conducting 15+ user interviews to attract 500+ clients
- Conducted comprehensive market research and analyses of competitor products to identify potential new product opportunities, resulting in the launch of 5 successful initiatives

## Skills

### Development

HTML, CSS, JavaScript, Python, C++, Java, Bootstrap, Git, Arduino, SQL, Linux, Bash

### Design

AutoCAD, Wireframing, OnShape, Usability Testing, User Research, Prototyping, Figma

### Tools

Adobe CS, SolidWorks, Atlassian suite, Canva, Microsoft, suiteFusion360, Solidworks, React, Jira

## Education

### University of Waterloo

Systems Design Engineering

Sep. 2021 – Apr. 2026

### Scholarships

Motorola Engineering Scholarship, Presidents Scholarship of Distinction

### Relevant Courses

Data Structures and Algorithms, Human Factors Design, Digital Systems

## Interests

Ultimate frisbee, biking, climbing, travelling to over 50 countries