

# Camisha Mortensen

**McMaster University** EXPECTED GRADUATION: APR 2024

**B.Sc Computer Science (Honours Co-op), 4th Year**

**University of Waterloo** SEPT 2016 - AUG 2018

**Global Business & Digital Art**

## Experience

**Software Development Co-op** *REACT, TYPESCRIPT* - MAY 2022 - AUG 2022

**Alida:** Contributed to the development of Touchpoint, a cloud-based customer insight application that allows large companies such as Red Bull and Canadian Tire to deliver pop-up quick polls.

- Refactored existing components to improve efficiency and encapsulation, improving Lighthouse and performance scores and making it easier for developers to quickly add new types of activities
- Implemented a mobile SDK allowing clients to engage with their customers by adding mobile-friendly activity polls to their websites
- Added new features and activity types responding directly to client feedback and proactively took on bug tickets
- Worked with other developers to improve the back-end onboarding process for new employees
- Participated in rounds of QA testing and UX planning. Conducted code reviews following the Agile methodology and demonstrated work to the larger team

**Web & Digital Co-op** MAY 2021 - APR 2022

**McMaster University:** Developed and maintained McMaster University websites. Communicated with stakeholders. Designed branded graphics.

**Head of Motion Graphics** NOV 2017 - APR 2018

**Fashion for Change:** Programmed an interactive display using Java and Processing allowing audience members to interact with the stage during the live show. Designed graphics for advertising. Took photos, shot video and edited footage for promotions.

**Marketing & Media Exec. Manager** JAN 2017 - MAY 2017

**UWaterloo Theatre Club:** Designed final show poster and graphics for advertising. Managed multiple social media pages and handled communications with club members.

## Volunteering & Extracurriculars

**App/Server Developer - Tetra** SEPT 2022 - PRESENT

Team member of Tetra Ryerson, a society that connects students and people with disabilities to create assistive devices. Working to create an Android application using Kotlin, Arduino and Firebase allowing users to interact with hospital beds using their voice and Google Home.

**DeltaHacks 7** MAR 2021

Participated in McMaster's hackathon and collaborated with other students to create a flashcard application.

**Imprint Newspaper** SEPT 2017 - DEC 2017

Worked with writers to create graphics for weekly articles releases.

## Projects

**Pest Mapper** *REACT, JAVA, SPRING BOOT, POSTGRESQL*

A platform for tenants to find and report pest issues in their city.

**Pholi** *MONGODB, EXPRESS, REACT, NODE, TYPESCRIPT*

A portfolio creating platform for small online creators, similar to linktree

**Telescope** *REACT, JAVASCRIPT*

A web application that makes use of NASA's picture of the day API and allows users to browse through years of astronomy photography.

**Words Off Stream** *REACT, JAVASCRIPT*

A single player version of the popular streaming game.

## Contact

[camishamort@gmail.com](mailto:camishamort@gmail.com)

(250)-488-9000

mishmort.net

## Skills

TypeScript, JavaScript

HTML, CSS

React

Java, Python

Kotlin

Haskell

UX

Github, Jira

Figma, Procreate

Processing

Adobe Creative Suite  
(Illustrator, After Effects,  
Photoshop, Premiere Pro)+

## Relevant Courses

Data Structures & Algorithms

Intro to Software Development

Introduction To Programming

Principles of Programming

Dynamic Programming

Functional Programming

Operating Systems

Discrete Math with Applications

Computer Architecture

Databases

## Awards

UWaterloo German Language  
Award

UWaterloo Digital Art  
Showcase Participant