

Marie Samantha Fidelia

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A naturally curious and enthusiastic Computer Science undergraduate student at UBC, who always strives for excellence with a solid desire to shape a positive change in the world. Has a high interest in the world of data and software, and takes joy when working with people from different backgrounds and teams.

EDUCATION

University of British Columbia, Vancouver BC, Canada

2022-2026

Incoming second-year Computer Science student,
Cumulative average: 89.5%

WORKING EXPERIENCE

Notetaker Student Assistant - University of British Columbia, Vancouver BC

2022-2023

Provided clear and detailed lecture notes for students with disabilities within 48 hours of lecture in the following courses: CPSC 110, MATH 100, MATH 101.

HONORS AND AWARDS

Diversity in CS Project Prize – UBC CMD-F Hackathon

2023

User-inclusive summarization tool that allows users to convert written text and spoken audio into a summarized text or audio. Showcased Cohere's API on NLP using Express.js backend, alongside JavaScript web speech API in a React.js frontend environment.

Best Design Award – NW HackCamp 2022 at UBC

2022

Created a prototype application with Figma called Seamptoms;
A color-blind friendly symptom tracker app for children.

PROJECTS

Personal Portfolio Website

2023

Developed a responsive frontend website using ReactJS and CSS, along with ExpressJS backend system. Deployed on the domain mariesamantha.dev via Github Pages.

Mars Needs Gums - Mini Game Jam 15

2023

Entry project for a browser game made in under 24 hours. Managed game concept, pixel art design, and front-end application using Unity and C#, with Plastic SCM as Unity version control.

Internet Image Advertisement Classification

2022

Developed an advertisement detection model of given image specifications using KNN classification written in R with Jupyter Notebook. Trained model using an internet image ad dataset and obtained an accuracy rate of 94%.

TECHNICAL STRENGTHS

Languages & Infrastructure

Java, C#, C++, R

Web Development

ReactJS, ExpressJS, NodeJS, HTML, CSS

Utilities

Git, GitHub, Jupyter Notebook, Unity, Plastic SCM