

LEAH MARIE FERNANDEZ

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TECHNICAL SKILLS

Web Development: HTML, JavaScript, CSS, Next.js

Programming: Java, C, C++, Python, R, Assembly Machine Code

Tools/Environments: IntelliJ, VSCode, Git, GitHub, Figma, Photoshop, InDesign

EXPERIENCE

UBC Formula Electric

Sep. 2022 – Present

C (Creator transferring into Software Developer)

- Multi-disciplinary student team that designs, builds, and races a fully electric formula-style vehicle
- Film and take photos during workdays
- Learning how to construct structs for data structures and algorithms
- Learning to develop firmware for accelerator sensors, torque vectoring, and power transfer

OulfitForMe

February 2023

HTML, CSS

- Developed an innovative project for the UBC GirlCode hackathon that leverages location data to generate personalized outfits
- Implemented Google Maps API
- Built website with HTML and CSS

WhentoHelp

Jan. 2022 – May 2022

Java, Swing, JUnit

Vancouver, BC

- Created a desktop application simulating a Health Care Application
- Developed in Java via the IntelliJ IDE, using OOP principles such as Inheritance
- Employed external Java frameworks, Swing for UI, and JUnit for test-driven development
- Implemented local data storage through JSON reading/writing

Vancouver Coastal Health

May 2021 – Sep. 2021

Data Entry Clerk

Vancouver, BC

- Enter vaccination data from the clinic into the Health Connect system
- Distribute immunization card to client for presentation to immunizer

EDUCATION

University of British Columbia

April, 2025

BSc, Combined Major in Science (Computer Science)

Vancouver, BC

CPSC 213: Introduction to Computer Systems

CPSC 221: Basic Algorithms and Data Structures

COGS 200: Introduction to Cognitive Systems

CPSC 210: Software Construction

SKILLS & INTERESTS

Skills: Microsoft Excel, Adobe Premiere Pro

Interests: Film photography, Sustainability, Reading, Volleyball, Everyday Design (99% Invisible)