Madilynn Wright

Toronto, ON | Vancouver, BC | (289) 388-7455 | madilynnwright@icloud.com | https://github.com/MaddieWright

SUMMARY

I am a third-year student at The University of British Columbia in the Combined Major in Science, focusing on Computer Science, Physics, and Earth and Ocean Sciences. I have a strong foundation in programming and problem-solving, with a passion for innovation and applying technology to real-world challenges through collaborative projects.

EDUCATION

The University of British Columbia Vancouver, BC
BSc, CMS - Computer Science, Physics, and Earth and Ocean Sciences *Sept. 2023 – May 2027*

Pine Ridge Secondary School Pickering, ON
GPA 4.0, Honor Roll, Ontario Scholar *Sept. 2019 – June 2023*

EXTRACURRICULAR ACTIVITIES

WiCS @ UBC April 2024
Hackathon Volunteer *Vancouver, ON*
- Volunteer for hackathon events hosted by WiCS and WiDS at UBC. Help set up meals, answer participants' questions, and help with tech support during the judging processes.

AWARDS & CERTIFICATIONS

OPG Secondary School Student Achievement Award (SSSAA) June 2023
- Awarded the OPG Secondary School Student Achievement Award for academic excellence (3.3+ GPA), leadership skills, and community involvement, with a focus on science and technology.

Business Endorsement Certificate June 2023
- Associated with Ontario's Specialist High Skills Major (SHSM) program in business. Acknowledges students' specialized training and practical experience in the business sector, supporting transitions to post-secondary education or the workforce.

COURSES

Computer Science: Computation, Programs, and Programming; Models of Computation; Software Construction; Introduction to Computer Systems
Mathematics & Data Science: Calculus I/II/III; Matrix Algebra; Elementary Statistics for Applications; Introduction to Data Science

SKILLS & INTERESTS

Tools/Technologies: Visual Studio Code, GitHub, Jupyter Notebook, React, Swing (Java GUI), Figma, Overleaf
Programming Languages: Java, Python, R, C, JavaScript, HTML, CSS, x86 Assembly, LaTeX
Concepts: OOP, Frontend Development, UI/UX Design, Version Control (Git), Prototyping, Machine Learning

PROJECTS

Arc'onnect – Your window into the Arc'teryx community April 2025
- Led frontend development in a team project to build a Chrome extension using React, HTML, CSS, and JavaScript during a 24-hour hackathon; designed and implemented an intuitive UI to connect users with Arc'teryx community events and programs, with prototypes created in Figma to guide development.

LitLog – A reader's best friend November 2024
- Used VSCode to develop a Java-based personal library management system designed to help users organize, track, and review their book collections, integrates a user-friendly Swing GUI providing seamless navigation.

Red Wine Quality Prediction Model April 2024
- Collaborated with my team to use R and Jupyter to develop a machine learning model using the K-Nearest Neighbors (KNN) algorithm to predict the quality of red wine based on quantifiable properties.