

Name

email | github | linkedin | number
address

EDUCATION

Dalhousie University

Bachelor of Computer Science (Co-op), Minor in Mathematics

Halifax, NS

Expected Grad. August 2027

- GPA: 4.11/4.30
- Awards: 3x Sexton Scholar

PROJECTS

DEEBug, CSCI 2691: Introductory Project

React | Python | MySQL

- Collaborated within a 6-person team in an Agile environment, delivering project milestones over 5 sprints and incorporating peer feedback through 360-degree reviews.
- Implemented an LLM chatbox for AI-assisted debugging, fulfilling the client's priority and enhancing the tool's functionality.
- Migrated the project to a self-hosted environment and repaired the CI/CD pipeline, restoring automated deployments.
- Enhanced the UI and fixed critical bugs, resulting in positive client feedback and contributing to an **A+** final grade.

TheGamesClub - Game Library, Personal Project

Java | Spring Boot | MySQL

- Designed a game library backend enabling messaging, game browsing, downloads, and user-made content.
- Developed functionality using Java and Spring Boot to support core features like user management and game interactions.
- Focused on scalability and maintainability, leveraging best practices in software development to create a robust platform.

The Station - Shooter Game, Personal Project

Godot | GdScript

- Designed and developed a 2D shooter game, following the software development lifecycle to ensure structured workflows and showcasing strong problem-solving and creative skills in development.
- Authored a comprehensive design document to guide development and ensure cohesive feature integration.
- Performed thorough testing to ensure good player experience and proper functionality of game mechanics.
- Developed as a solo project in two weeks and published on GitHub, emphasising independent project management, adaptability, time management, and end-to-end software development.

University Timetable, CSCI 1170: Intro to Web Dev

HTML | CSS | JavaScript

- Built a responsive university timetable website using HTML, CSS, and JavaScript.
- Implemented a dynamic table with course information and a search filter using JavaScript.
- Made wireframes and a design plan ensuring visually appealing interfaces and easy navigation, contributing to an **A+** final grade.

Passport Management System, High School Project

Python | MySQL

- Developed a comprehensive Python and MySQL system, enabling efficient identification tracking.
- Created a user interface for quick and easy access enhancing user experience and system security.
- Utilized Matplotlib and Pandas to generate visual reports on population statistics, improving data analysis capabilities.

SKILLS

Technical: Java, Python, React, JavaScript, HTML5, CSS, MySQL, C, Data Structures & Algorithms

Tools: Git, MS 365 Suite, IntelliJ, Junit, VS Code, Linux, Godot

Interpersonal: Agile, Communication, Teamwork, Active Listening, Conflict Resolution

EXPERIENCE

Student Leader in Residence (CST), Dalhousie University

September 2024 – April 2025

- Fostered an inclusive environment by engaging with residents and building peer connections.
- Worked with student leaders and staff to organise events, address concerns, and improve student life.
- Managed conflicts with empathy, using active listening and de-escalation to maintain a respectful community.
- Kept detailed records of interactions and concerns, aiding data-driven improvements in student support.

HACKATHONS

Agentic AI, Volta - Collaborated in a team of 6 to design an automated grading system, receiving an honorary mention for a practical application and strong teamwork.

Space Apps Challenge, NASA - Worked in a team of 4 to help design the use of an algorithm on space systems, being recognised for tackling a challenging problem with effective communication.