



LUCAS LALONDE

About

I am a fourth-year Bachelor of Science student, majoring in Computer Science and interested in software development. Committed to applying academic learning to real-life situations in a position to gain experience and develop skills. Always possessing a positive attitude, and a strong work ethic, with an eagerness and quick ability to learn.

Education

Bachelor of Science in Computer Science

Minor in Entrepreneurship
Saint Mary's University (Halifax)
2021 - 2025

Skills

- Working with a team / interpersonal skills
- Excellent communication skills
- Can-do mindset
- Java, Python, HTML, CSS, JS, SQL etc.
- Linux & Windows
- Arduinos / Microcontrollers

Key Courses Completed

Principles of Programming Languages

- Focusing on multiple programming languages and how they fundamentally work, such as the .NET framework, C, C++, and Python.

Security Systems

- A fourth-year course focused on building and attacking robust and secure systems.

Algorithmic Analysis

- Another fourth-year course focuses on building and analyzing different algorithms and their efficiency.

• Other courses include **Software Engineering, Cryptography, Mobile App Development Complex Networks, Enterprise Resource Planning Systems, Game Development (Unity).**

Experience

Service Learning

Sep 2023 – Apr 2024

In two separate courses collaborating in teams of five, we built two projects with real clients. One web app built for Mi'kmaq school so students can learn the language. The other is called "Talking Trees" for a nature conservation area which is an interactive experience for those who use the park.

Independent projects

Working with peers to turn "Business Ideas" into functioning software, including web apps mostly using the Django framework. Using GitHub for code collaboration which involved regularly committing code, reviewing pull requests, and managing merge conflicts.

I have recently found interest in Arduino hardware. More specifically I built a system in my most recent project which allows users to verify their identity using NFC technology as well as a mobile application, with a demonstration on my website.