

# Lucas Lalonde

---

**Bedford**  
**Nova Scotia, B4A 2L3**  
**902-483-6213**  
**lucaslalonde999@gmail.com**  
**lucaslalonde.com**

## Profile

---

Excited and committed, 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 at an entry level position to gain experience and develop skills. Possessing a positive attitude, and a strong work ethic, with an eagerness to learn.

## Skills

---

- **Working with a team:** Developed through service learning and other projects
- **Time management:** While balancing academics with personal projects
- **Proficient in Java:** My main programming experience at university
- **Good understanding of HTML, CSS, and JavaScript, Python and other languages.**

## Education

---

**Bachelor Of Science - Computer Science**  
Saint Mary's University, Halifax, NS

**September 2021 - Present**  
**Expected Graduation: April 2025**

### *Key Courses Completed*

---

- **Data Structures and Algorithms**  
-Learned about data types, stacks, queues, trees, graphs, sorting data, linked lists, and algorithmic analysis.
- **Mobile App Development**  
-Using HTML, CSS, and JavaScript, we worked towards developing a web app for Eskasoni Immersion School in Cape Breton, NS.
- **Advanced Computer Programming and Problem Solving**  
-Learning OOP in the Java programming language.

- **Principles of Programming Languages**

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

- **Other courses include Cryptography, Security Systems, Complex Networks, Enterprise Resource Planning Systems, Algorithmic Analysis.**

---

## Experience

---

### Software Engineering

Sep 2023 - Dec 2023

- Collaborating with a team of five, we are working together to develop software called “Talking Trees” for a conservation area, which is an interactive experience for people who use the park.

### Web App for Mi’kmaq School

February 2023 - April 2023

- While taking a class on Mobile App Development, I worked on a team of five to develop a web-based game for kids at a school to learn the Mi’kmaq language.
- Working with a team of people and organizing who does what was a challenge that we faced and we established a leader to organize the things that we were doing and we worked well to develop the web app.

### Independent projects

- Working with peers to turn “Business Ideas” into functioning software, including web apps with HTML, CSS, JavaScript and a backend using the Django framework. More recently a few mobile apps built on react native.
- Using GitHub for code collaboration which involved regularly committing code, reviewing pull requests, and effectively managing merge conflicts,
- I have recently have been working with Arduinos to develop 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.