

# Thais Serpa Chaves

## Undergraduate Student - Computer Science

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Halifax - NS, Canada.

## EDUCATION

### Saint Mary's University, Halifax - Bachelor of Science Major in Computer Science

September 2022 - May 2026 **CGPA 3.88**

Relevant coursework: Data Structures and Algorithms, Database Programming, Digital Logic & Comp Architecture, Algorithm Analysis, Mobile App Development, Systems Security, Operating Systems

## EXPERIENCE

### SwitchPACE CIC, Halifax - Energy Concierge

May 2023 - PRESENT

- Managing municipal PACE financing programs across the Maritimes
- **Entering data**, providing customer service over the phone and emails
- Using **MySQL** to retrieve data and **generate data reports**
- **Created estimate tools** to calculate project cost using stored data

### Saint Mary's University, Halifax - Mobile App Development Group Project

March 2024 - May 2024

- **Developing a prototype** for the production version of the French Village Conservation Woodland website using **GitHub and VSCode**
- **Full stack development** Service Learning experience

### Saint Mary's University, Halifax - Database Structures and Algorithms Project

September 2024 - October 2024

- Created an encoder / decoder program that takes an encoded text file and decodes it or takes a decoded file and encodes it according to a list of encoding rules
- Experience in **linux/unix environment**, use of **data structures and sorting algorithms**

## TECHNICAL SKILLS

Java, Python, JavaScript, C++, HTML/CSS, MySQL, NodeJS

Leadership roles: 2021/2022 Rotary Club executive member, 2023 AI-transcription tool for SwitchPACE CIC Project manager, Group project team leader

## AWARDS

23/24 Dean's List, 22/23 Dean's List, 2022 Honors with distinction HS graduate, BHS 2022 Physics award, Harrison McCain 2022 scholarship recipient