

# Cyruss Allen Amante

[contact@cyrussamante.com](mailto:contact@cyrussamante.com) | [linkedin.com/in/cyrussamante](https://linkedin.com/in/cyrussamante) | [github.com/cyrussamante](https://github.com/cyrussamante) | [cyrussamante.com](https://cyrussamante.com)

## EDUCATION

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### McMaster University

*Bachelor of Engineering in Software Engineering*

Hamilton, ON

Sep. 2021 – Apr. 2025

- **cGPA:** 11.0/12
- **Relevant Coursework:** Object Oriented Programming, Data Structures and Algorithms, Digital Systems and Interfacing, Software Design I

## EXPERIENCE

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### Sales Associate

*Gap Factory Outlet*

Oct. 2019 – Aug. 2022

*Mississauga, ON*

- Provided customer service while maintaining the cleanliness of the merchandise to enhance shopping experience
- Utilized retail technology, such as cash point-of-sale systems to achieve efficient line-ups at the registers
- Captured a record-high amount of marketing emails from customers within a single weekend, resulting in an increase of traffic towards the store

### Information Technology Co-Op

*PLASP Child Care Services*

Feb. 2020 – Apr. 2020

*Mississauga, ON*

- Managed and modified company employee database and device inventory
- Troubleshooted technological problems, requiring problem-solving and out-of-the-box thinking
- Upgraded company components and devices while maintaining up-to-date drivers
- Performed research on important duties needing additional information within the office

## PROJECTS

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### Pathfinding Visualizer | *Java, Swing, Git*

Aug. 2023

- Developed a Java program that allows for visualization of Graph pathfinding algorithms
- Utilized knowledge of data structures and algorithms to create demonstrations of DFS, BFS, and Dijkstra
- Created the GUI and visualizer using Java Swing to allow for an enhanced understanding behind these algorithms

### Portfolio Website - [cyrussamante.com](https://cyrussamante.com) | *HTML/CSS, JS, Ruby on Rails*

Jul. 2023

- Developed a website using HTML/CSS to display personal projects and skills
- Displays additional information with associated projects
- Allows for easy access to resume and contact information

### Piraten Kapern Simulator | *Java, Maven, Git, Log4j, PMD*

Jan. 2023

- Utilized Java, Maven, and Git to create a two-player simulator of the board game "Piraten Kapern"
- Each player experiments with strategies that can be used to roll dice based on the card drawn or specified strategy
- Toggle-able 'Trace' mode logs each player's move with Log4j
- Program displays each player's win percentage after a multiple game simulation

### Grades2Date - Weighted GPA Calculator | *Python, Tkinter*

Dec. 2022

- Programmed a Python application utilizing the Tkinter interface
- User can calculate their GPA/Grades based on the course weighting
- Program allows for import/export of data into a file for future use

### Recycling Hopper Mechanism | *Autodesk Inventor, PrusaSlicer*

Jan. 2022 – Feb. 2022

- Designed a mechanism using a rotary actuator and customized parts that attached to and rotated a hopper
- Featured on the 2022 ENG-1P13 year end showcase that only 2% of teams are chosen for
- Recognized as one of the course's best project work done for the school year

## TECHNICAL AND SOFT SKILLS

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**Languages:** Java, Python, C, MATLAB, HTML/CSS, Bash, Ruby, Ruby on Rails

**Developer Tools:** Git, VS Code, Maven, IntelliJ, Log4j, Nano

**Programs:** Autodesk Inventor, Microsoft Office

**Soft Skills:** Creativity, problem-solving, communication, adaptability, teamwork, leadership