

Cyruss Allen Amante

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EDUCATION

McMaster University

Hamilton, ON

Bachelor of Engineering in Software Engineering

Sep. 2021 – Apr. 2025

- **cGPA:** 10.9/12
- **Relevant Coursework:** Object Oriented Programming, Data Structures and Algorithms, Digital Systems and Interfacing, Software Design I

EXPERIENCE

Sales Associate

Oct. 2019 – Aug. 2022

Gap Factory Outlet

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

Feb. 2020 – Apr. 2020

PLASP Child Care Services

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

Piraten Karpen Simulator | *Java, Maven, Git, Log4j, PMD*

Jan. 2023

- Utilized Java, Maven, and Git to create a two-player simulator of the board game "Piraten Karpen"
- 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

Portfolio Website - cyrussamante.com | *HTML/CSS, VS Code*

Apr. 2022

- 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

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

Robotic Arm Transport Simulator | *Python, IDLE, Quanser Labs*

Oct. 2021 – Dec. 2022

- Developed a Python program within the Quanser Interactive Labs digital environment
- Simulated the transferring of a sterilization container using a robotic arm to an autoclave location based on the container's size and colour
- Robotic arm utilized muscle sensor emulators as inputs, assigning different combination thresholds to instruct the robot to do specific tasks

TECHNICAL AND SOFT SKILLS

Languages: Java, Python, C, MATLAB, HTML/CSS, Bash

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

Programs: Autodesk Inventor, Microsoft Office

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