

Diane Oxales

Email: diane francesco@gmail.com #: 613-410-1853 Portfolio: <http://dianeoxales.github.io/portfolio/>

Education

Carleton University 09/23 - Present Bachelor of Computer Science Honours, Stream: Software Engineering, Co-op

- Second Year Standing 3.80/4 (A)

St. Joseph Highschool 09/18 - 06/22 OSSD

- Honours Grade: 8,9,10,11,12

Skills Summary

Languages: HTML, CSS, C, JavaScript, Python, Java, Demo

Databases/OS: Windows, MacOS

Tools: Microsoft Word, Google Tools, VSCode, Inheritance, Encapsulation in Java

Soft Skills: Critical Thinking, Problem-Solving, Effective Communication

Work Experience

Babysitter 07/24 - Present • Organized daily schedules for the children to follow, improving security & familiarity • Maintained a clean & organized environment to prevent child injuries

Cashier 03/23 - 06/23 • Organized daily schedules for the children to follow, improving security & familiarity • Maintained a clean & organized environment to prevent child injuries

Projects

CUInSpace Flight Simulator - C

- Implemented dynamic memory management to use memory only when necessary
- Ensured concurrency in the program using threads & semaphores
- Worked with linked lists for easy insertion & deletion when provided large amounts of data

Auto Park Graphical User Interface (GUI) - Java

- Developed a graphical user interface using the Model, View, Controller (MVC) paradigm in Java
- Implemented different access modifiers to ensure security from outside users

Volunteer

Camp Music Ministry Head 10/23 - 11/23 • Managed multimedia & audio for events, ensuring smooth presentations

Tech Booth Controller 03/18 - 06/23 • Managed multimedia & audio for events, ensuring smooth presentations