

# OCEANE DAUMASSON

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Computer Science and Computational Art student with a strong interest in building practical, AI-powered software, driven by curiosity and experimentation. Combining backend development with visual design to create user-focused applications.

## EDUCATION

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**Concordia University**, Montreal CA

Bachelor of Computer Science

Joint Major in Computer Science / Computation Arts

2023 - 2027

GPA: 3.76/4.3

## SKILLS

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### Programming

Java, Python, C++, C#, HTML

### Tools & Software

Git, VSCode, Eclipse

### Languages

English, French

Blender, Unity, Adobe Illustrator

## COURSEWORK

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OOP, Computer Architecture/Systems Hardware, Data Structures & Algorithms, Discrete Mathematics,

## PROJECTS

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### Digital Diary [LINK]

Python, Flask, HTML, CSS, OpenAI API

- Built a multi-page web application using Flask and Python
- Integrated the OpenAI API to generate dynamic, interactive responses based on user-written entries
- Designed and implemented the front-end layout and visual styling using HTML and CSS
- Deployed the application



### Book Records Processing System [GitHub Link]

Java

- Developed a Java program to read book records from multiple input files and validate them for syntax and semantic errors, separating invalid records into error logs
- Converted validated records, sorted by genre, into serializable objects and stored them in binary files
- Built an interactive command-line interface allowing users to view and navigate stored records

## PROFESSIONAL EXPERIENCE

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### Barista & Food Service Worker

Hinnawi Bros Bagel & Cafe

Mar 2025 - Ongoing

- Managed high-volume customer orders and transactions in fast-paced environment
- Worked closely with team members to maintain efficient service and handle workflow
- Organized inventory and workstations to ensure smooth daily operations

### Lead Teacher

Bizzy Girls

Aug-Sept 2023, 2024

- Instructed students on an introduction to business program, focusing on collaboration, time management and communication skills
- Guided students through the development process, including creating a company name, logo, product and pitch
- Maintained a structured and engaging learning environment.

## INTERNSHIPS

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### Assistant Teacher

IBS en Provence, Daniel Warren Elementary School

Apr 2023 - Jun 2023

Mar 2021 - Apr 2021

- Supported students in project-based creative activities and guided them through problem solving tasks
- Assisted with developing a curriculum and activity design
- Coordinated and oversaw a school-wide student art exhibition