

# FAY LEE

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## EDUCATION

### University of Ottawa

Sep. 2022 – Dec. 2026

*Bachelor of Science in Computer Science*

*Ottawa, ON*

**Relevant Coursework:** Calculus II; Computer Architecture I; Data Structures and Algorithms; Discrete Structures; Probability and Statistics; Intro. to Programming II (Java); Intro. to Software Engineering

**Scholarships/Awards:** First Generation Bursary, UOSU Outstanding Time Commitment for a Registered Student Government Scholarship, Nortel Founding Scholarship for the School of Information Technology and Engineering (SITE), Scholarship for Women in Computer Science/Software Engineering, Ted Rogers Entrance Scholarship, University of Ottawa Admissions Scholarship for a high school average between 90-94.9%

## PROJECTS

### Hotel Management System | *Java, HTML, CSS, SQL*

Apr. 2024

- Created an e-hotel web application with a database that performs administrative actions based on the user role
- Developed the relational database schema, ER diagram, and assisted with the frontend design and database testing

### Healthcare Appointment Management System | *Java, Android Studio*

Dec. 2023

- Created an Android application using Java and Android Studio to streamline the process of healthcare appointment scheduling and management via different roles which gain access to their associative information
- Utilized the layout editor to create a UI for the application to allow different roles to interact with each other

### myFirstFinance | *React, Next.js, JavaScript, CSS*

Jan. 2023

- Developed a full-stack web application using React as the frontend for the Concordia University hackathon
- Designed the UI of the web application to inform users of financial resources and information, using CSS and HTML

## EXPERIENCE

### Head Delegate - University of Ottawa

Apr. 2024 – Present

*CUSEC: Canadian University Software Engineering Conference*

*Ottawa, ON*

- Drive promotional strategies to increase student involvement and enthusiasm for the CUSEC conference
- Coordinate travel logistics and accommodations for a group of over 50 students attending the conference
- Facilitate the procurement of financing from the school administration to facilitate student attendance

### VP Philanthropy

Mar. 2023 – Present

*Computer Science Student Association - University of Ottawa*

*Ottawa, ON*

- Plan and host on and off-campus student events, occasionally working with other faculty organizations, to raise hundreds of dollars for a variety of honourable causes; promoting volunteer work and bettering our community
- Developed promotional Instagram media content using Figma, Canva, and Adobe Fresco to encourage involvement
- Explored ways to connect with the community through cold emails to partner on fundraising and sponsorship

### Marketing/Design Coordinator

Jul. 2023 – Mar. 2024

*uOttHack - University of Ottawa*

*Ottawa, ON*

- Communicate with faculties and student organizations to set up campus events hosted for hundreds of students
- Manage social media and design content using illustrating platforms, ensuring the 2,000 followers are informed
- Maintain organizational brand image and communicate with similar organizations for promotion and collaboration

### Digital Marketing Intern

Jul. 2021 – Aug. 2021

*MRKT360*

*Remote*

- Developed projects and discussed marketing strategies with managers to encourage search engine optimization
- Earned media knowledge from first-hand experience, as well as, certifications through Google and internal courses

### Strategy Analyst

Sep. 2021 – Jul. 2022

*Expand Youth Society*

*Remote*

- Analyzed and organized internal and external data using Microsoft Excel and approaching beginner data tools
- Investigated ways to improve internal and external engagement, using the collected data to identify weak spots

## TECHNICAL SKILLS

**Languages:** Python, Java, C, HTML/CSS

**Developer Tools:** VS Code, Android Studio, Visual Studio, Google Cloud Platforms, Git, Docker

**Technologies/Frameworks:** Linux, GitHub, JUnit, WordPress, React, Node.js