



TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, SQL, HTML/CSS, PHP, Swift.

Technologies: Spring boot, Redux, React, WebSockets, MySQL, Xcode, Laravel, Linux, Git.

PROFFESIONAL EXPERIENCE

S2H - Software Developer Intern Markham, Ontario

May 2024- August 2024

- Designed and built a feature in the Net-Atelier web application using React which displays the link between suppliers and users who purchased their items. This was achieved by fetching data via API requests and filtering data with MySQL queries, enabling suppliers to track the demographics of users purchasing their items.
- Implemented search and filter bars to all charts in the Net-Atelier web application using React with dynamic API requests, allowing for users to access data more efficiently.

PROJECTS

Matchup

- Developed a full-stack mobile app using Swift and Spring Boot to connect Toronto's basketball community.
- Integrated live group chats for each basketball court using web-sockets, allowing users to connect and make friends.
- Implemented features such as user authentication, location-based chat access, and personalized user interactions by using a MySQL database to manage user and location data and a Java Spring Boot back-end to handle API requests, achieving a seamless user experience.

2023-2024

PYCLI

- Created a CLI in python allowing users to perform various operations on pdfs. (merge, delete, swap, etc.)

2023-2024

RSA Encrypt/Decrypt

- Developed RSA encryption and decryption algorithms from scratch in Python.
- Integrated extended Euclidean algorithm for key generation, modular exponentiation for encryption and Chinese Remainder Theorem for efficient decryption.

2023-2024

LEADERSHIP/INVOLVEMENT

- Computer Science Representative @ The Nest Project (non-profit organization)
 - Guide and advise high school students planning on pursuing studies related to computer science in post-secondary education.
- Member of Google Student Developer Club @ University of Guelph.
- President of York Mills Tech Team.
 - Managed a group of students to fix computers in the school.
- Team captain of York Mills senior boys' basketball team.
 - Led high school basketball team to semifinals in senior year and won MVP.

2024-Present

2023-Present

2021-2023

2021-2023

EDUCATION

- Candidate for Bachelor of Computing, Computer Science (Co-op) – University of Guelph
 - Dean's honor list (Fall 2023, Winter 2024, Fall 2024), Current GPA: 87.0%.
 - Relevant Courses – Data Structures, Object-Oriented Programming, Discrete Structures in Computing (I & II), Intermediate Programming.

2023-Present

ADDITIONAL SKILLS

Languages: English, French and Arabic.

Sports: Basketball, hockey, and soccer all at a competitive level.