

TECHNICAL SKILLS

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

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

SUMMARY OF QUALIFICATIONS

- Demonstrated capability of managing time through the balancing of school, sports, and employment while maintaining Dean's honor list.
- Team player: Able to work seamlessly within groups and collaborate efficiently with team members throughout work and sports experience.

PROFFESIONAL EXPERIENCE

S2H - Software Developer Markham, Ontario

May 2024- Present

- Developed and maintained core features in Net-Atelier web application which include modals, client information tables, and supplier pages.
- Added a search bar and filter bar from scratch to all tables using queries which allowed for a enhanced user experience.
- Created API from scratch which can add, update, edit and delete data from a database to enhance application functionality.
- Implemented and optimized front-end features using React, ensuring a seamless user experience.

PROJECTS

- Created a CLI in python allowing users to preform various operations on pdfs. (merge, delete, swap, etc.) 2023-2024
- Developed RSA encryption and decryption algorithms from scratch in Python. 2023-2024
 - Integrated extended Euclidean algorithm for key generation, modular exponentiation for encryption and Chinese Remainder Theorem for efficient decryption.
- Developed a 2D 'Frogger' game in Python using the PyProcessing library, implementing object-oriented programming and the use of an AI player for enhanced gameplay experience. (based on original Frogger game) 2022-2023

LEADERSHIP/INVOVMENT

- Computer Science representative - The Nest Project 2024-Present
 - Guide and advise high school students planning on pursuing Computer science related studies in post secondary as a part of a non-profit organisation
- Member of Google Student Developer Club – University of Guelph. 2023-Present
- President of York Mills Tech Team. 2021-2023
 - Led and managed a group of students volunteering to fix computers in the school.
- Team Captain of York Mills senior boys' basketball team. 2021-2023
 - Led high school basketball team to semifinals in senior year and won MVP.

EDUCATION

- Candidate for Bachelor of honors Computer Science (current GPA: 86.5%) – University of Guelph. 2023-Present
 - Deans honor list (Fall 2023, Winter 2024)
 - Relevant Courses – Discrete structures in computing II, Intermediate programming
- High school diploma – French Bilingual Honor's Graduate – York Mills Collegiate Institute 2019-2023
 - Cumulative average: 93.5%

ADDITIONAL SKILLS

Languages: English, French and Arabic.

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