

- Over 3 years of experience in Python
- Fundamentals of HTML
- 1 year of experience in C
- Proficient in Git, Linux, Excel

SUMMARY OF QUALIFICATIONS

- Recognized hard working and leadership skills as school club president, team captain and M.V.P of varsity basketball team, girl’s varsity basketball assistant coach.
- Demonstrated efficiency in time management with the balancing of school, sports, and a job all while maintaining honor-roll status.
- Goal oriented: Able to set large objectives and persistently work toward achieving them in an efficient manner.

ACHIEVEMENTS/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 and modular exponentiation for encryption.
 - Employed Chinese Remainder Theorem for efficient decryption, ensuring both security and computational efficiency.
- Created 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
- Competed in DMOPC '22 coding contest and placed 5th. 2022-2023

LEADERSHIP/INVOLVMENT

- Current Member of Google Student Developer Club – University of Guelph. 2023-2024
- 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.

WORK EXPERIENCE

- S2H - Software Developer Markham, Ontario** May 2024 - Sept 2024
 - Developed core features in S2H’s website development in a full-stack environment which included updating, creating, deleting and editing information in an SQL database from their website.

EDUCATION

- Candidate for Bachelor of honors Computer Science (current GPA: 86.5%) – University of Guelph. 2023-2027
 - Deans honor list (Fall 2023, Winter 2024)
 - Relevant Courses – Discrete structures in comp II, Intermediate programming
- High school diploma – French Bilingual Honor’s Graduate – York Mills Collegiate Institute (Toronto). 2019-2023
 - Cumulative average: 93.5%

ADDITIONAL SKILLS

Languages: Fluent in English, French and Arabic.
Sports: Basketball, hockey, and soccer at competitive level.