RAYAN ISMAIL

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SUMMARY OF QUALIFICATIONS

Computer Skills:

- Python (Self Taught – June 2021)
- C++ (Self-Taught + University – August 2021)
- Basic JavaScript (Self Taught – July 2019)
- Microsoft Office (Online Course - August 2019)

Languages: Fluent in English and Hindi, Beginner in French and Arabic

Work Eligibility: Canadian citizen, eligible to work in Canada and the USA with no restrictions

PROJECTS

Text Adventure   Python

- Developed a game where the user can use inputs to navigate a map in order to find an object which can be appended to the inventory list and use it complete an objective in a limited number of turns
- Utilized lists to create a map and inventory, a for loop to iterate over each turn, and various conditional statements to provide interactive feedback to the user after each user input

Battleship   Python

- Using the random Python module, this interactive game uses comparative operators between the user's guess and the location of a battleship hidden on a 5x5 board that is created through using a list of characters.

EXPERIENCES

Principal's Advisory Council   Nov 2019 – Apr 2021

- Collaborated with 12 peers to advise school leadership on administrative decisions and school-wide events
- Spearheaded the ideation and execution of a virtual board game night through Discord to enable students to connect in a virtual environment which garnered 95% positive feedback from attendees

Prosper Education   Jul 2020 – Oct 2020

- Co-founded a web-based peer tutoring service to assist students in light of COVID-19
- Facilitated the creation of the website by creating an algorithmic approach and assisting with HTML/CSS coding

LaunchX School Clubs   Oct 2018 – May 2019

- Co-founded a startup which provided a prototypical phone case with interchangeable backings
- Based on our product potential, business plan, and a video pitch we were chosen as one of 20 teams from over 500 worldwide to pitch our startup at **Global Demo Day at Massachusetts Institute of Technology**

Co-Head of STEM Fellowship Chapter   Oct 2021 – Mar 2021

- Served as focal point to coordinate events with other STEM clubs within our school
- Organized the Big Data Challenge at Sir Winston Churchill High School; drove participation from students to increase interest in STEM careers and opportunities

School Soccer Team   Mar 2019 –June 2021

- Through demonstrating dedication, passion, and a team-oriented attitude I was selected as a starter for the junior boys' soccer team, with COVID impacting the last two seasons

Calgary Food Bank   Jul 2021 – Aug 2021

- Volunteered in a variety of positions including donation sorting, food classification, and warehouse cleaning
- Underwent training for each position, along with demonstrating an ability to learn on the job

Volunteer Assistant Coach, Edgemont Kids' Soccer Program   Oct 2019 – Jan 2020

Volunteer Hole Marshal, Shaw Charity Classic   Aug 2019

EDUCATION

University of Waterloo, Waterloo, ON   Expected Graduation: Jun 2026

- Candidate for Bachelor of Applied Science in Honours Computer Engineering, Co-op

Sir Winston Churchill High School, Calgary, AB   Jun 2021

- *IB Courses: Physics SL, Mathematics SL, Economics HL*
- SAT Score: 1570; SAT Math: 800, SAT Physics: 790