

ERICA BUCHANAN

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PROFILE

Strong academic standing in STEM courses as well as award-winning performance in physics and biology. Certified WSI instructor and National Lifeguard Society certificant. Strong organizational and communication skills. Fluent in English and French, advanced ability in spoken and written Spanish.

EDUCATION

High School Diploma, *Lisgar Collegiate Institute*, Ottawa, ON Expected Completion: June 2021

- Silver Medal Award: average above 90% in Grades 9, 10, and 11
- Physics 11 and Biology 11 award: awarded to students with the highest average in each class
- AP Advanced Functions: 100%, Physics 12: 98%, Biology 12: 97%

WORK EXPERIENCE

Junior Leader, *Camp Otterdale*, Lombardy, ON June 2019-Aug 2019

- Cancelled summer of 2020 due to COVID-19
- Ensured my campers felt comfortable by supporting and caring for the girls in my cabins, aged 9-13, during their two-week-long sessions
- Improved campers' swimming and sailing skills through my demonstration of proper swimming and sailing techniques

EXTRA-CURRICULAR ACTIVITIES

Competitive Ringette Player, *City of Ottawa Ringette Association*, Ottawa, ON Sep 2011-Present

- Improved upon our skills and our fitness through practices and training sessions four times a week, culminating in a weekly game or tournament
- Became provincial champion in 2017 after competitively playing in provincials every year

Quantum Computing Student, *Qubit by Qubit*, <https://www.qubitbyqubit.org/> Oct 2020-Present

- Online quantum computing course fully funded by IBM to teach and empower the new generation of quantum leaders through lectures and labs on quantum mechanics and the basics of quantum computing
- Chosen as one of only 7,000 people accepted worldwide, high school level and above

Player, *Lisgar Collegiate Institute*, Ottawa, ON Sep 2017-March 2020

- Member of a hockey team (2018, 2019), basketball team (2017, 2018, 2019), volleyball team (2017, 2018, 2019), football team (2019), and soccer team (2018)
- Reached semi-finals for both basketball and volleyball in the final seasons as a result of our vigorous training and exercise every day to hone our skills and improve our strategies

Club Member, *Lisgar Collegiate Institute*, Ottawa, ON Sep 2019-Present

- Girls Who Code (2019, 2020): Helping to build the confidence of female coding students by learning to code in a supportive environment
- Student Council (2020): Forging strong relationships between students by spearheading night events and creating fun online activities as the executive member
- Stay Woke (2020): Fighting for racial justice and education in our community through letter writing campaigns to officials and educational pieces for younger students
- Investors Club (2020): Competing with others in stock market challenges to learn about investing

INTERESTS

Travel, racial justice and equity, climate activism, skiing and windsurfing