

## Alexander Hadwen

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### Overview

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First year Queen's University engineering student, looking for challenging and rewarding work. Bilingual, scholarship student with strong leadership, project management, and communication skills.

### Education

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*Queen's University: Bachelor of Applied Science - Engineering* 2020 - present

- Graduating Class of 2025, current GPA of 4.23 (on a scale of 4.3)
- Projects – Queen's Engineering
  - Winter 2020: Designing a Lunar Space Rover for the Canadian Space Agency. Leading a team of six to design and model the radiators on a space rover so that it will survive two lunar days and one night.
  - Fall 2020: Designing a Sustainable Residential Structure. Led a team of five to design and model a simple residential structure to withstand environmental and earthquake loads. As the team lead, organized and guided the group using communication, delegation, teamwork, time management, and planning skills.

*Glebe Collegiate Institute: Gifted French Immersion Program* 2016 - 2020

- Grade 12: Average of 94%
- French Immersion Certificate

### Relevant Work Experience

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*Food Service Attendant, Kettleman's Bagel Co., Ottawa* 2019 – 2020

- Responsible for maintaining a professional atmosphere, taking initiative, engaging with customers, and contributing to a successful team operation. Was regularly placed in charge of high-volume online delivery service.

*Concession Representative, TD Place, Ottawa* Summer 2019

- Responsible for preparation and service of food for customers at special events. Recognized twice with award for initiative and for exceeding expectations.

*Summer Intern, Musee du Fjord, Chicoutimi, Quebec (YMCA Summer Work Exchange)* Summer 2018

- Worked as French speaking summer intern. Led guided outdoor excursions. Supervised education experiences for youth visitors. Maintained and serviced exhibits. Initiated the design, development and construction of a new exhibit resulting in increased visitor activity.

- Camp Counsellor/Instructor, Ottawa Senators Organization, Ottawa* 2017 - 2019
- Responsible for groups of 30 children, providing hockey training and positive daily experiences. Received employee award for enhancing experience of young campers.

### **Extracurricular Experience (Volunteer, Leadership, Sports)**

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- *Volunteer, Perley Rideau Veterans Health Center:* Assisted residents with activities including musical therapy, sports, and crafts. Worked with elderly residents and dementia patients to ensure positive experiences. 2017 – 2019
- *Counsellor, Camp Trillium:* The camp is specifically for children (and families) with cancer. Supervised and engaged individually with three children at the camp, ensuring that they had valuable experiences and growth opportunities. Summer 2016 (one week)
- *Indigenous Exchange:* Participated in a two-week reciprocal school exchange with Inuit students from Kuujuaq in Northern Quebec. December 2017
- *Athletic Council:* Co-president. Led 60 members in organizing fundraising and school-wide events, involving up to 1600 students. 2018 - 2020
- *Student Council:* Discussed current affairs, fundraising and organizing events. 2017 - 2018
- *Sports (Queen's):* Led intramural volleyball and frisbee teams. 2020
- *Sports (Glebe):* Participated on varsity basketball, volleyball, hockey (co-captain), frisbee, and lacrosse (captain) teams. 2017 - 2020

### **Awards**

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- Queen's University Excellence scholarship (90-94% academic average) 2020
- Alex E. MacRae scholarship for creative leadership (Queen's/Glebe) 2020
- Bob Dagenais Athletic Leadership Award (Glebe) 2020
- Silver Medal Award (90+ academic average) 2017 - 2020
- Silver Duke of Edinburgh Award 2019

### **Skills:**

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- Microsoft Excel, Word, Project
- Computer Automated Design (SolidWorks)
- AutoSketch
- Bilingual
- Project Management
- Problem Solving
- Leadership

### **Interests and Activities**

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- Travel, reading, outdoor activities, Sports: (hockey, ultimate frisbee, basketball)
- Piano (Grade 8 Royal Conservatory of Music, Advanced Theory)

**References available on request**