

**Leo Zhao**  
Waterloo, ON  
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## **Education**

Candidate for Mechatronics Engineering at the University of Waterloo September 2025 - Present

- Academic Representative for 120 students
  - Relevant Courses: CAD Fundamentals, Intro to Mechatronics, C++ Fundamentals

## Experience

Designed a Speaker using Arduino September 2025 - October 2025

- Developed a working speaker that could reach up to 80 dB using Arduino in a team of 4
  - Optimized the speaker's design to focus the sound in a single direction
  - Programmed the speaker to play different tunes using different buttons

Director of Technology for BrightBrilliance (Volunteer) September 2024 - Present

- Designed a website for the organization and server to communicate with over 200 members
  - Answered math, chemistry, physics, and English questions from high school students from various secondary schools
  - Attended weekly meetings as an executive to determine our future steps and goals

Day Camp Counsellor June 2024 - August 2024, June 2025-August 2025

- Made campers feel safe and listened to any of their concerns
  - Led games, crafts, as well as large scale activities to engage campers and develop their growth
  - Collaborated with coworkers to deal with unexpected situations and ensure day camp ran smoothly

### Achievements

7th Place Finish in Consensus Nationals May 2025

3rd Place at Reach For The Top Nationals May 2025

DECA Provincial Champions February 2024

## Skills

B2 French DELF Certification, Java, Python, C++, AutoCAD, SolidWorks, GitHub, Arduino, VEX Programming