

**Leo Zhao**  
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## Education

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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

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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

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7th Place Finish in Consensus Nationals      May 2025

3rd Place at Reach For The Top Nationals      May 2025

DECA Provincial Champions      February 2024

## Skills

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