

# DERIN SUER

suerderin@outlook.com | [LinkedIn](#) | [Github](#)

## SUMMARY

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*Motivated student leader with 3 years of experience founding and expanding 10+ school clubs into 20+ members, taking many to provincial competitions, organizing events with 100–130+ participants, and coaching teams to top 3 finishes in competitions. Strong academic performer with proven leadership in student council, robotics, and community service. Recognized for driving engagement, mentoring peers, and delivering measurable results in both school and community initiatives.*

## EDUCATION

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**McMaster University**, Hamilton, ON 09/2025 – 04/2030

- *Engineering I, B.Eng.*
- Free Choice for McMaster Engineering
- 3.97 Fall-term GPA

**École Secondaire Jeunes Sans Frontières (ÉS JSF)**, Brampton, ON 09/2021 – 06/2025

- *Valedictorian and Governor General Bronze Medal for Highest High School Average*
- *IB Diploma Graduate*
- *French Bilingual OSSD diploma*
- *Over 1000 verified volunteering hours*

## WORK EXPERIENCE

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**CODE NINJA'S ST. BARBARA**, Coding Tutor, Mississauga, ON 07/2023- 08/2023

- Guided over 50 students aged 4-14 through learning technological skills, from coding to 3D design.
- Communicated with parents to provide daily updates on children's progress.
- Provided individualized instruction to optimize student learning outcomes and facilitate progression through multiple coding skill levels.

## RELEVANT EXPERIENCE

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**McMaster University**, Underwater Robotics Design Team, Software Member, Hamilton, ON 11/2025 – Present

- Currently developing the vision and camera processing system for an autonomous underwater vehicle (AUV) competing in a late-June university-level competition.
- Designing and implementing image-processing pipelines to support underwater navigation, target detection, and task execution.
- Building a pilot dashboard GUI to display telemetry, live video, and system diagnostics for real-time operator awareness.
- Collaborating with a multidisciplinary engineering team to integrate software with onboard sensors, controls, and mission systems.

**ÉS JSF, FIRST Robotics President and Coach**, Brampton, ON 09/2024 – 06/2025

- Established the 10167 FIRST Robotics Club, and secured thousands in funding for the rookie year.
- Led a rookie team to achieve a regional win at McMaster, coaching them to the provincial competition.
- Expanded the robotics club to over 20 members, mentoring each in diverse robotics disciplines for the club's future success.
- Learned while also teaching many aspects of FIRST robotics design, such as chassis design, electrical work, coding, driving, strategy

**ÉS JSF, PanthèreTV – Director and Lead Technician**, Brampton, ON [[link](#)] 09/2022 – 06/2025

- Revamped the school's morning announcements system to enhance student engagement.
- Directed over 500 morning announcement livestreams to effectively communicate daily school activities to students.
- Secured over \$5k in funding to advance multimedia education through enhanced technological resources.
- Educated over 25 students on various multimedia techniques such as livestreaming, graphic design, and camerawork

## RELEVANT EXPERIENCE (CONTINUED)

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ÉS JSF, Audio-Visual Technician, Brampton, ON

09/2022 – 06/2025

- Self-learned the audio and visual systems for auditorium presentations.
- Orchestrated over 100 visual and audio presentations for school auditoriums, ensuring technical excellence. [[example](#)]
- Taught over 30 students and teachers, from all levels, installation methods, wire management, electronic functions, and audio levelling
- Directed SHSM presentations and trainings on all aspects of audio setup and livestreaming, helping with the setup of both the broadcast and technical setup of 3 consecutive graduation ceremonies with over 4 000 views total, with under 100 graduating students a year. [[link](#)]

## ACCOMPLISHMENTS

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- DECA Provincial Champion - ETDM 2025
- 1st place in FIRST McMaster Regionals
- 3rd place in FIRST Waterloo Regionals
- Top score in high school for Cayley, CIMC, Fermat, CSMC, and Euclid contests
- Honourable Delegate in both CANMUN 2024 and SSICSIM 2024
- Top 175 worldwide for Chem 13 Waterloo contest - 2024
- Franco-ontarian U18 Classical Provincial Champion - 2023
- Franco-ontarian U18 Classical Team Provincial Champion - 2023

## CERTIFICATIONS

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- SHSM Information and Communications Technology Graduate - 2025
- CPR Certification – Red Cross - 2023
- Royal Conservatory of Music Piano - Level 7 certifications – Practical and Theory – 2023

## ACTIVITIES

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- Student Council President (2024-2025); Vice-President (2023-2024); Rep 10 (2022-2023)
- McMaster Sumobot competition (2025-)
- McMaster Turkish association member (2025-)
- McMaster Volleyball and Basketball intramural player (2025-)
- Model UN Head Delegate and Founder (2024-2025)
- Chess Club President and Founder (2022-2025)
- DECA Chapter Executive and Co-Founder (2023-2025)
- Sparx Web Development (2025-) [[link](#)]
- Main character (Hémon) in student-run Antigone Play - Theatre (2023-2024) [[link](#)]
- Math Club President (2024-2025)
- Coding Club President (2024-2025)

## SKILLS AND INTERESTS

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- *Computer Skills:* Java | Python | Windows | Proficient in Microsoft Tools | Web Development | HTML | CSS | Documentation | CAD | MATLAB | SQL | Linux
- *Qualities:* Project management | Team building | Time Management | Teamwork | Effective Communication | Initiative | Multimedia design | Public speaking | Quality Assurance Knowledge