

Jason Xiao

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PROFILE

Engineering student at the University of Calgary with a strong interest in civil engineering, public infrastructure and field based technical work. Experienced in technical documentation, data organization, and team based project work. Seeking a 4 month summer internship starting May 2026.

EDUCATION

Bachelor of Science, Engineering

September 2025 - April 2030

Schulich School of Engineering, University of Calgary

- Studied material strength and fluid mechanics that affect buildings and structures
- Applied engineering fundamentals to analyze forces on rigid bodies, frames, and trusses

RELEVANT SKILLS

- Technical & Analytical: Documentation, Data Organization, Design Iteration, Attention to Detail
- Software: Microsoft Office (Outlook, Word, Excel, PowerPoint), Fusion 360, Civil 3D, Python
- Professional: Leadership, Collaboration, Oral Communication, Team Coordination, Adaptability

PROJECTS

Remote Controlled Boat Project, Engineering Design Course

January 2026 - April 2026

- Collaborated with a team to design and build a remote controlled rescue boat for real world scenario requirements
- Documented design decisions, prototype development, and testing iterations throughout the project to support design decisions and improvements
- Applied stability and buoyancy calculations to guide prototype development and adjustments

WORK EXPERIENCE

Robotics Instructor

September 2024 - Present

Western Mechatronics Robotics Club, Calgary, Alberta

- Taught students the engineering design process and problem solving methods through robotics instruction
- Collaborated with instructors to develop lessons that taught students important robotics fundamentals
- Managed robotics parts inventory and organized materials for efficient program operations

Guest Ambassador

June 2022 - July 2022

Calgary Stampede, Calgary, Alberta

- Coordinated with multiple teams to direct vehicles and guests to correct locations
- Monitored intersections with close attention to ensure safety among all traffic users
- Maintained composure in stressful environments while responding to changing traffic and guests