

ZACH BAI

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EDUCATION **Ontario Secondary School Diploma** **Sep 2022 - Present**
Vincent Massey Secondary School, Windsor ON
• Enriched Program

WORK EXPERIENCE **Lifeguard & Swim Instructor | City of Windsor** **Mar 2025 - Present**
• Supervise swimmers and teach swimming lessons while enforcing safety rules

EXTRA-CURRICULARS **SHAD Canada** **June 2024 - July 2024**
• National program for students in STEM and entrepreneurship
• Collaborated on an innovative project

Badminton Team **Sep 2022 - Present**
• Competed in city, regional and provincial tournaments

MNS/CHP - Executive **Sep 2024 - Present**
• Help plan and coordinate two major school events: a student social fundraiser (MNS) and a holiday celebration for underprivileged children in Windsor (CHP).

CodeReach - Executive (Logistics) **Sep 2025- Present**
• Lead logistics, scheduling, and materials for student-run coding program for elementary students

Stangs for a Change - Executive (Finance Lead) **Sep 2025 - Present**
• Manage budgets and expenses for charity fundraisers supporting local causes including Windsor Cancer Foundation

Research Club - Executive & Developer **Sep 2025 - Present**
• Research and present on academic and scientific topics; develop presentations and club projects

CreateforKids - Executive (Finance) **Sep 2025- Present**
• Oversee finances and planning for registered non-profit creating care packages for pediatric cancer patients

Robotics Team FRC 4903 - Mechanical/Engineering Member **Sep 2022 - June 2024**
• Contributed to robot manufacturing, building, and assembly

AWARDS & ACHIEVEMENTS
• **MVP**, Badminton Team, 2023–2024
• **SWOSSAA Champion (3x)**, Badminton
• **OFSAA B-Flight Semifinalist**, Badminton
• **Top 3 Best Project**, SHAD Canada, 2024
• **Top 5**, SSPC Competition
• **Best Use of Generative AI**, MasseyHacks
• **Honour Roll with Distinction (3x)**, Vincent Massey Secondary School
• **FRC World Championship Qualifier**, Robotics Team FRC 4903, 2022-2023

VOLUNTEER EXPERIENCE **Assistant Badminton Coach** - Local Church **Dec 2023 - Dec 2024**
• Assist with drills and coaching for young players

Peer Tutor - Vincent Massey Secondary School **Sep 2024 - June 2025**
• Tutor students in math and science for academic improvement

Swim Meet Timekeeper **May 2023 - June 2023**
• Record accurate race times

PROJECTS **Biogas Buddy** - SHAD Canada Design Project **July 2024 - July 2024**
• Designed a school biogas system using food waste to generate methane for kitchens

TrueForm - MasseyHacks XI **Sep 2024 - Present**
• Built Python tool using OpenCV + MediaPipe Pose to detect form and count reps from webcam
• Computed joint angles to deliver real-time feedback on movements