Andrew Wu

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Education

McMaster University, in Engineering – Hamilton, Ontario   Sept 2025 – present

St. Robert Catholic High School, in IB Diploma   Sept 2021 – June 2025
GPA: 4.0 (97%)

Experience

Media Executive, Student Athletic Council, St. Robert CHS   Sept 2021 – June 2025

Camp Counsellor, Muskoka Woods Summer Camp   Sept 2023 – Sept 2023

Center Assistant, Kumon Institute Education   Aug 2021 – May 2022

Projects

AI-Powered News Summarization Platform   Sept 2025 – present

Optimization via Gradient Descent   Nov 2024 – present

Dynamic System Simulation (Wilberforce Pendulum)   Feb 2025 – present

Research Project: Biomechanical Landing Optimization   Sept 2023 – present

Skills

Languages: Python, JavaScript, TypeScript, Java, C

Technologies/Frameworks: React, HTML/CSS, Git, MySQL, PostgreSQL, Node.js, Express

Libraries: Pandas, NumPy, Matplotlib, scikit-learn

Certifications and Achievements

- Canadian Youth Physicist's Tournament Gold Medal | IYPT
- Certified B1 French Speaker | Diplôme D'études En Langue Française
- Certificate of Distinction | CEMC Pascal, Euclid, CSMC
- 4x Honour Roll | IB Diploma Graduate