





JACOB LEADER

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AWARDS

- AP Scholar Award
- AP Computer Science Award as Top Student
- AP Calculus AB Runner-Up
- AP Macroeconomics Runner-Up
- Graphic Arts 12 Runner-up
- Physics 11 Award as Top Student
- British Columbia Ministry of Education District/Authority Scholarship for excellence in a chosen area (Programming)

SKILLS

- Front-end Development
- Python
- Java
- SwiftUI

EDUCATION

BACHELOR OF ARTS CANDIDATE

McGill University
2024 - Present

SHAWNIGAN LAKE SCHOOL

Co-Ed Independent Boarding School
Vancouver Island, BC
2022 - 2024

WEST POINT GREY ACADEMY

Co-Ed Independent K-12 School
Vancouver, BC
2011 - 2022

PROFILE

Passionate about programming, exemplified in my AI projects and web development. Strong problem-solving skills and a love for learning. A collaborative team member eager to deepen my knowledge of programming.

EXPERIENCE

JAPAN SUPER SCIENCE FAIR (JSSF) 2024

Ritsumeikan Senior High School
Nov 2024

- Built a custom neural network using Torch for Q-value prediction.
- Performed a detailed self-led lab over the summer exploring the adaptivity of my neural network.
- Adapted the presentation of my findings for both high school students and experts, depending on the audience

VP WEB DEVELOPMENT

McGill AI Lab
June 2024 - Present

- Solely developed the club website from scratch using HTML, CSS & JS while ensuring a responsive design and sleek UI.
- Implemented interactive features and animations for an enhanced UX

INVESTMENT CLUB PRESIDENT & CO-FOUNDER

Shawnigan Lake School
Sept 2023 - June 2024

- Led the formation of a student-guided and teacher-sponsored club.
- Competed in the Wharton Global Youth Program Investment Competition.
- Developed a strong foundation for future members, ensuring the club's continued success after graduating.

UBC GEERING UP CAMP VOLUNTEER

University of British Columbia
Aug 2023

- Spread my love of coding through tech-themed camps.
- Assisted in the organization of activities & day plans.
- Worked to co-lead a class of ~30 grade 4-7 kids.