Ethan Zhao

Full Stack Developer — Western Ontario Engineering and Ivey HBA Double Degree Student

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Profile

Ethan is a passion driven Engineering student studying at Western. He works with numerous groups from science fair teams of 4 people to squadron wide applications serving over 200 people. With each project, Ethan expands his skillset, striving to learn new skills each time while maintaining a high level of impact with each release. He hopes he can continue his journey of growth and teamwork by working on larger and more influential projects.

Education

University of Western Ontario   *London, ON*
Engineering and Ivey HBA Double Degree   September 2023 – May 2028

Work Experience

Snowhawks   *Toronto, ON*
Intermediate Certified Ski Instructor   March 14th 2021 – Present
- Taught a class of 8 intermediate skiers for 9 hours a day.
- Planned weekly lesson plans tailored to student's strengths and weaknesses.
- Worked with a team of over 50 instructors to form group events for students.

Project Tech Conferences   *Toronto, ON*
Finance Director   June 2020 – July 2022
- Organized financial statements for conference and event planning.
- Managed sponsorship planning and outreach; Created a sponsorship package for easy contributions.
- Arranged biquarterly conferences for high school students, inviting CEOs and industry leaders.

Leadership and Technical Experience

aPreptutors – Start up   *Thornhill, ON*
co-Founder | Developer   June 2023 – Present
- Co-founded a tutoring company targeted toward IB students and IB graduates.
- Created business strategies and full stack website development.
- Led a team of IB graduates to act as tutors and arranged advertisement accordingly.

Royal Canadian Air Cadets – Training App   *Richmond Hill, ON*
Operations Warrant | Band IC | UPAR IC   September 2017 – June 2023
- Oversaw all major events for a squadron of 225 cadets such as overnight training activities.
- Developed a training assignment app which saves over 6 hours a week for a team of 15 people.
- Handled porting all accounts and systems to a military version of Office 365 from Google.

Foursight – Gene based Cancer Detection   *Thornhill, ON*
Web Developer   November 2021 – June 2023
- Trained a 95% accurate AI to detect the probability and location of cancer from Micro-RNA sequences.
- Received $7500 in funding from various science fairs and sponsors.
- Personally coded the back and front-end of the online AI interface.

Mindful Committee – School Journaling App   *Thornhill, ON*
Founder | President | Developer   September 2021 – June 2023
- Founded the club in 2021 starting with a single person club to a 30-person committee.
- Headed up monthly initiatives and projects--partnering with many other councils--to support Mental Health.
- Formed a school journaling app which uses AI to encourage self-reflection.