

Ewan Abdo

☎ (999) 999 9999 • ✉ ewanmgamal@gmail.com
🌐 <https://www.linkedin.com/in/savage-ewan-677b62263/>
🐙 <https://github.com/EwanAbdo>

Education

Brigham Young University of Idaho (BYUI)

August 2023 – May 2027

Bachelor of Science

Major in Mechanical Engineering, minor in Software development and Data Science

Related Coursework:

- Comp Sci Fundamentals I
- Calculus I
- Linear Algebra I
- Comp Sci Fundamentals II
- Calculus II

Hillcrest High School

August 2019 – May 2023

High School Diploma

Courses:

- AP Calculus (Grade 11) - 4
- AP Physics (Grade 11) - 3

Projects

Trivia Game

June 2019

- Android app implemented in **Java**.
- Used trivia questions api to retrieve daily questions for different topics.
- Added leaderboards to the game which increased app usage by 10%.

Virtual Piano

March 2019

- Developed using **Unity 3D**, **C#** and the Google VR SDK.
- Introduces children to the piano through an interactive and educational 3D environment.
- Learned to design, model and write scripts in Unity.
- Grade received: 93%

Achievements

Mathematics Award

June 2017

- Received for achieving the highest mathematics grade throughout the school year (grade received: 99%)

Academic Excellence Award

June 2016 – June 2019

- Received for excelling academically throughout the school year.

University of Toronto Admission Scholarship

June 2019

- Awarded for enrolling with an average of 95% and above.

Extracurriculars

Robotics Club Member

Sept 2018 – June 2019

- Wrote programs that control the movement of the robots using Python.
- Competed in national competition and finished in third place.

Peer Tutor

Sept 2016 – Present

- Tutoring high school students in mathematics and science.
- Meet with students multiple times weekly to explain concepts and answer questions.

Skills

- **Soft:**
 - Communication
 - leadership
 - time management
 - working under pressure
- **Programming:**
 - Java programming
 - Python programming
 - bash programming
 - latex
- **Engineering:**
 - CAD modeling
 - Thermal analysis
 - Mechanical modeling
 - renewable energy