

George Saad

g.saad@mail.utoronto.ca | www.linkedin.com/in/gkysaad | www.github.com/gkysaad

Education

ENGINEERING SCIENCE | 2019-2023 | UNIVERSITY OF TORONTO | GPA: 3.9/4.0

- BASc – Engineering Science (first year)
- Accomplishments:
 - University of Toronto Scholar (significant scholarship)
 - Faculty of Applied Science and Engineering Award for exceptional academic achievement and extra-curricular involvement
- Completed Coursework: Calculus 1 (4.0/4.0), Introduction to Computer Programming (4.0/4.0), Engineering Math and Computation (4.0/4.0), Engineering Design (Praxis 1) (3.7/4.0), Classical Mechanics (3.7/4.0), Structures and Materials (4.0/4.0)
 - Current: Calculus 2, Data Structures and Algorithms, Fundamentals of Electric Circuits, Molecules and Materials, Linear Algebra, Praxis II (Engineering Design)

INTERNATIONAL BACCALAUREATE DIPLOMA, OSSD | 2019 | ST. FRANCIS XAVIER SS

- Accomplishments:
 - 98% top 6 courses average including Calculus, Advanced Functions, English, Physics, and Chemistry
 - Completed ICS3U and ICS4U (grade 11 & 12 university-level computer science) courses, achieving 95% in ICS4U

Projects / Accomplishments

HOOTGUARD (ANDROID APP) – SEPTEMBER 2019

- Created an Android app in Java that detects drowsy driving
- Used CameraX library to retrieve image of face
- Used ML Kit from the Google Firebase API for facial recognition
- <https://devpost.com/software/hootguard-xghezv>

EDUCATIONAL COMPUTING ORGANIZATION OF ONTARIO 1ST PLACE – MARCH/APRIL 2018

- Worked in team of 4 to solve 5 programming problems in 3-hours
- Won 1st place out of all teams participating in the Dufferin-Peel Catholic District Board competition
- Moved on to the regional competition and was an Ontario Semifinalist

LANE DETECTION OPENCV PROJECT – JUNE 2019

- Used OpenCV in Python to analyze dash cam footage and mark out lane lines

Skills

Languages: Python 3 (3 years), Java (1.5 years), C++, Matlab

Other Technical Skills: Object Oriented Programming (OOP)