

JITEN AYLANI

C : (647)-627-3765 | Email : aylanijiten@gmail.com

Summary of Qualifications

- ◆ Proficient in Python, with experience in several data structures, classes and methods.
- ◆ Efficiently designed and reverse engineered CAD projects such as robotic limbs and building architecture using Autodesk Fusion360, and Solid works.
- ◆ Experience in 3D printing and machine shop (working with laser cutting acrylic boards).
- ◆ Designed circuits schematics using Tinkercad for robot cars with Arduino and integrated circuits.
- ◆ Involvement in several projects such as robotic car and automatic smoke system with Arduino and programming with the Arduino IDE.
- ◆ Excellent verbal and written communication skills.

Relevant Projects

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|--|------------------------|---|--------------------------|
| <u>ThirdEye—StarterHacks 2020</u> Face Recognition Security System | January 2020 Python | <u>Line Following Car</u> Group Project | December 2018 Arduino |
|--|------------------------|---|--------------------------|
- ◆ This program would use a camera to detect a face and cross-check it with a database. It would then print the individuals name if facial features matched.
 - ◆ Worked with Python libraries such as OpenCV, cmake, face recognition, etc.
 - ◆ Created a circuit with the help of components such as transistors, capacitors, integrated circuit chips, and Arduino
 - ◆ Applied knowledge of logic gates, and used analytical skills to diagnose and troubleshoot problems.

Education

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|---|--------------|---|-----------|
| BSC, Computer Science and Management Wilfrid Laurier University, Waterloo, ON | 2019-Present | North Park Secondary School High school, Brampton, ON | 2015-2019 |
|---|--------------|---|-----------|
- ◆ Currently enrolled in first year and taking courses such as Intro to Programming, Data Structures, Economics and Business
 - ◆ Enhanced minor in Management.
 - ◆ Participated in Cricket and Badminton Intramurals
 - ◆ Graduated in 2019, majored in the International Business and Technology regional program.
 - ◆ Won first prize in Waterloo Math contest
 - ◆ Was a part of the Eco-Club and Photography Club

Work and Volunteering Experience

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| North Park Secondary School Teaching Assistant - Summer School | 2018 - 2019 Brampton, ON | Swaminarayan Temple Volunteering | July 2016-Present Toronto, ON |
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- ◆ Tutored grade 9 and 10 students in mathematics.
 - ◆ Graded students on their academic performance, classroom activities and quizzes.
 - ◆ Helped the teacher in preparing lesson plans.
 - ◆ Gave temple tours to new visitors and people interested.
 - ◆ Assisted in organizing the BAPS Blood Donation Camp at the temple in Toronto.
 - ◆ Participated in brainstorming ideas and organizing regular events.