

## PROFESSIONAL PROFILE

A sophomore undergraduate Computer Science student based in Edmonton who aims to deepen understanding in various areas of technology and product development.

## EDUCATION AND TRAINING

**High School Diploma,**  
**University of Alberta, Ruwais, Abu Dhabi**

2016 – 2020

**BSc in Computer Science,**  
**University of Alberta, Edmonton, Alberta**

2020 – present

Courses: Data structures & Algorithms, Python OOP, C Program Design, Discrete Mathematics

## PROJECTS

### Diabetes Prediction WebApp - [GitHub](#)

- Developed a web application to detect whether a person has diabetes using Machine Learning and Python.
- Aimed to familiarize myself with Machine Learning and data classification algorithms.
- Preprocessed large amounts of data and built decision trees on different sample to take majority vote for the classification of the disease.
- Trained a model set with the *Random Forest* bagging algorithm which achieved an accuracy score of 78.7%.
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### Automated Spotify Lyrics - [GitHub](#)

- Made a program using Python that displays the song lyrics automatically on terminal as the song plays in Spotify and it continues to do so as the playlist moves to another song.
- Retrieved data using Spotify API, Spotipy API and Genius Lyrics API.
- Revised it to add updates such that user can browse artist information or visit the official Genius Lyrics page simultaneously.

### File Organizer - [GitHub](#)

- Created an organizer that arranges several files in a specified directory into separate folders based on the type of the file.
- Implemented using PySimpleGUI in Python.

### QR Code Generator App - [GitHub](#)

- Built a simple web application which lets user enter any message or website address to provide them with its corresponding QR code.
- Aimed to familiarize myself with using JavaScript, HTML and CSS.

## EXTRACURRICULAR ACTIVITIES

**Asian International Private School Student Council, Class Representative**

2019 - 2020

**University of Alberta International Society of Automation, Member**

2020 – present

## SKILLS

**Programming :** Python, C, C++, JavaScript, SQL

**Other :** ReactJS, HTML, CSS

**Trilingual :** Advanced English, Native Telugu, Proficient Hindi.