

# AEYAN ASHRAF

Department of Computer Engineering  
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## Education

### Aligarh Muslim University

*Bachelor of Technology in Computer Engineering - 9.15/10 CPI (Upto 4th Semester)*

📅 August 2019 – July 2023

📍 Aligarh, India

### Aligarh Muslim University

*Senior Secondary School(Class XII)*

*Distinction in English, Physics, Mathematics, Physical Health Education*

📅 August 2016 – June 2018

📍 Aligarh, India

### Our Lady Of Fatima Sec. School

*Higher Secondary School(Class X) - 10/10 CGPA*

*Top 1% of the class*

📅 April 2004 – May 2016

📍 Aligarh, India

## Relevant Coursework

- Data Structures & Algorithms
- Object Oriented Programming
- Software Engineering
- Design & Analysis of Algorithms
- Artificial Intelligence & Neural Networks
- Internet Tools
- Operating Systems
- Computer Architecture
- Cloud Computing
- Digital Logic and System Design
- Discrete Mathematics

## Experience

### Aligarh Muslim University

*Undergraduate Student Researcher*

📅 May 2021 – present

📍 Aligarh, India

- Working on Image Segmentation using Deep Learning & Machine Learning

## Projects

### Gym Reservation Bot | Python, Selenium, Google Cloud Console

January 2021

- Developed an automatic bot using Python and Google Cloud Console to register myself for a timeslot at my school gym.
- Implemented Selenium to create an instance of Chrome in order to interact with the correct elements of the web page.
- Created a Linux virtual machine to run on Google Cloud so that the program is able to run everyday from the cloud.
- Used Cron to schedule the program to execute automatically at 11 AM every morning so a reservation is made for me.

### Ticket Price Calculator App | Java, Android Studio

November 2020

- Created an Android application using Java and Android Studio to calculate ticket prices for trips to museums in NYC.
- Processed user inputted information in the back-end of the app to return a subtotal price based on the tickets selected.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.

## Technical Skills

**Languages:** Python, C/C++, Dart

**Technologies/Frameworks:** Pytorch, Keras, Tensorflow, Numpy, Pandas, Matplotlib, OpenCV, Flutter

**Tools:** Git, LaTeX, VS Code, Visual Studio, Pycharm, Android Studio

**Operating Systems:** Windows, Linux

## Professional Development

### Machine Learning

*Stanford University, Coursera*

📍 Remote

### Deep Learning Specialization

*Deeplearning.ai, Coursera*

📍 Remote

### Python for Everybody Specialization

*University of Michigan, Coursera*

📍 Remote

## Workshops Attended

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- Attended Five days Online Workshop on “**Cyber Security and Digital Forensics**” (26-30 August 2021) organized by the Department of Computer Science, Aligarh Muslim University, Aligarh

## Volunteering / Extracurricular

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### SOCH NGO

*Volunteer*

📅 September 2019 – Present  
📍 *Aligarh, India*

### AMU-OSS

*Member*

A Group of open source enthusiasts.

📅 December 2019 – Present  
📍 *Aligarh, India*