

# MUHAMMAD SAIF UL AZEEM ABBASI

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<http://saifulazeem.epizy.com/>

Software engineer with an emphasis on Artificial Intelligence, diverse programming languages and keen interests in Web Designing, Development and Data Science.

## EXPERIENCE

SEPTEMBER 2019 – PRESENT

**FREEELANCER**

I have been working on various freelancing projects regarding programming, web development and algorithms.

JUNE 2014 – SEPTEMBER 2016

**TEACHER, PRIVATE**

Over the years I have discovered the art of learning and that is teaching others.

## EDUCATION

SEPTEMBER 2016 – JUNE-2020

**BS SOFTWARE ENGINEERING**, NATIONAL UNIVERSITY OF MODERN LANGUAGES ISLAMABAD.

**CGPA: 3.40**

I have studied the following major subjects: Artificial Intelligence, OOP, Discrete Structures, Analysis of algorithm, Web Engineering, HCI, Visual Programming.

AUGUST 2016

**INTERMEDIATE**, FBISE

## SKILLS

- Android App Development
- C++, C#, SQL, MySQL, PHP
- Html & CSS, JavaScript, Bootstrap
- Python, Flask
- Git Version Control System
- Deep Learning
- Image Processing, Image Augmentation
- WordPress (Custom Theme Development)
- Microsoft Office suite
- GUI designing
- Arduino Programming & Interfacing (Basic)
- UML Modeling

## PROJECTS

DETAIL INFORMATION ABOUT ALL THE PROJECTS CAN BE FOUND AT URL:  
(<https://github.com/saifulazeem?tab=repositories> )

### FYP: FINAL YEAR PROJECT

#### AUDIO VISION FOR VISUALLY IMPAIRED PEOPLE USING IMAGE PROCESSING AND DEEP LEARNING

It is a custom Android Application for Visually impaired people that detects objects in the image and creates a meaningful scenario by extracting important features of objects. Finally, it produces an audio description for the visually impaired people and let them aware of their surroundings. The salient features of an image include information such as classification of indoor or outdoor, day or night, objects in image, their position and spatial relationship between them.

### SEMESTER PROJECT

#### RAILWAY TICKET RESERVATION SYSTEM

A (Desktop application) booking system for customers to reserve train tickets with custom seat selection.

### DATA SCRAPING PROJECT

#### WEB SCRAPING

I have applied web scraping to google playstore where i have collected information about app name, description, reviews, ratings, total installs, last updated, category, developer, images, version and required android device.

## CERTIFICATES

### AI FOR EVERYONE

In this course I have learnt about the meaning behind common AI terminology, including neural networks, machine learning, deep learning, and data science.