

Aditya Aman

Last Updated on 18th September 2023

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Objective

Computer Science Engineer open to work in the field of software development, data science and machine learning.

Education

GGSIU

B.TECH IN COMPUTER SCIENCE

📅 June 2023 📍 New Delhi, India

CGPA: 9.093

RYAN INT. SCHOOL

PCM

📅 March 2017 📍 Greater Noida, UP

Percentage: 91.6

Links

🐙 GitHub **aditya-1967**

in LinkedIn **AdityaAman**

Coursework

GRADUATE

Data Science

Artificial Intelligence

Machine Learning

Data Structures and Algorithms

Web Development

Dissertation: Novel Hybrid Multiple Choice Question Generator

Skills

PROGRAMMING

Python • C • C++ • Dart • Django •

Flask • Data Science • Machine

Learning

SOFT SKILLS

Time Management • Analytical

Thinking • Flexibility •

Communication Skills

Certifications

• Data Analysis with Python: Zero to Pandas: **Jovian • Credentials**

• Machine Learning with Python: Zero to GBMs: **Jovian • Credentials**

• Programming for Everybody (Getting Started with Python): **Coursera • Credentials**

• Python Data Structures: **Coursera • Credentials**

Experience

IT INTERN

TECHNIP FMC

📅 Aug 2023 –

📍 Noida, UP

- Working on Oracle Fusion.

MACHINE LEARNING INTERN

NAWGATI

📅 Dec 2022 – Jun 2023

📍 Noida, UP

- Using YOLOv4 to build a vehicle detection model having 4 classes Car, Auto, Bike and HMV
- Using YOLOv4 to build a vehicle detection super model having 6 classes Car, Auto, Bike, HMV, Stop Sign and Attendants at CNG stations.
- Developed an attention OCR model to read the license plate of the vehicles with high accuracy.
- Developed a python script to automate the PTZ camera to capture vehicles and their license plates in different bays at CNG stations
- Developed a face recognition attendance system for the attendants at the CNG station

MACHINE LEARNING INTERN

QUY TECHNOLOGIES

📅 Jul 2022 – Aug 2022

📍 Gurugram, Haryana

- Worked on various machine learning algorithms and developed concepts of different models used in this field.

DATA SCIENCE INTERN

LETSGROWMORE

📅 Feb 2022 – Mar 2022

📍 Gurugram, Haryana

- Developed and Image to Pencil Sketch model using openCV tools
- Worked on Iris dataset classification using logistic regression classifier

Projects and Research

NOVEL HYBRID MULTIPLE CHOICE QUESTION GENERATOR

📅 Jan 2023 – Jun 2023

📍 New Delhi

- Within a three-person team led by a mentor, we automated high-quality multiple-choice question (MCQ) creation for education. We fused BERT extractive summarization and WordNet to expedite MCQ generation from vast datasets. Our process involved data handling, sentence extraction, summary creation, keyword extraction, and sense determination, with RAKE emerging as an effective keyword extraction method during evaluation.

SPEECH EMOTION RECOGNITION

📅 Aug 2023

📍 New Delhi

- Proficiently developed a Convolutional Neural Network (CNN)-based speech emotion recognition system using Python. Processed diverse audio datasets (CREMA-D, RAVDESS, SAVEE, TESS), applied audio augmentation, and extracted essential features. Achieved an impressive 94.2 percent accuracy in emotion classification across seven classes (disgust, happy, sad, neutral, fear, angry, surprise), showcasing strong expertise in deep learning and audio analysis for emotion recognition.