Tashanam Shahbaz

As a Computer and Information System Engineering student at NED University of Engineering and Technology, I am seeking to utilize my expertise in Artificial Intelligence and Machine Learning. Proficient in Python, databases, and OOP, I am committed to leveraging my technical skills to drive innovation in the field.

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○ github.com/Tashanam-Shahbaz   ◖◗ medium.com/@tashanamshahbaz72

WORK EXPERIENCE

Trainee Software Engineer
Impetus Systems Pvt Ltd

12/2022 - Present   *Karachi, Pakistan*

Tasks
- Resolved various bugs in the software application using C++, ensuring high performance and stability
- Developed interactive forms and UI elements using AngularJS to enhance user experience
- Utilized SQL to design and implement efficient database systems for the software

Python Developer Intern
National Center of Cyber Security

03/2022 - Present   *Karachi , Pakistan*

Tasks
- Developed seamless connections between the Django backend and Firebase, utilizing its services and APIs to improve functionality and data management.
- Integrated a machine learning model into the backend and built APIs and endpoints to facilitate interaction with the model, enabling smooth integration with frontend applications.
- Implemented RESTful API design principles and followed best practices in backend development

Apprentice Software Engineer (AI/ML)
Folio3 Software

06/2022 - 08/2022   *Karachi , Pakistan*

Tasks
- Created pre-processing, model traning and model inferances Pipline for voiceand text dataset
- Evaluate Speech Recognition Models and logged hyperparameters on neptune
- Deploy the model on streamlit

Machine Learning Intern
Smart City Lab - NCAI, NED UET

04/2022 - 05/2022   *Karachi , Pakistan*

Tasks
- Data Annotation using LabelImg
- Pre process data using RoboFlow
- Train model on YOlOv5

EDUCATION

Computer and Information System Engineering
NED University of Engineering and Technology

10/2019 - 08/2023   *3.671 CGPA*

SKILLS

`AngularJS` `.Net` `Python` `HTML` `CSS` `React.js` `MySQL` `Firebase` `Docker`

PROJECTS

Image Forensic throught Deep Learning and Computer Vision For Finding Missing Person (10/2022 - 08/2023)
- Developed a cutting-edge mobile application utilizing deep learning techniques to assist in locating missing individuals. The application facilitates the retrieval of information by comparing uploaded images of the missing person with images provided by their relatives and new individuals.

CGPA Prediction
- An ML based application that predicts CGPA of students based on their grades in respective subjects.

The Specko
- An ML based app, that transcribe human voice and extraced key words in transcribted text.

School Management System
- A web based application, used for managment of students' data in school

TEXTZ
- A user friendly application hosted locally, that will summarize paragraphs , extracted text from youtube videos and Images.

INTERESTS

`Machine Learning` `Watching Dramas` `Deep Learning`