

Ali Tariq

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EDUCATION

University of Engineering and Technology

Bachelors of Science in Computer Science

CGPA:3.4

Lahore, Pakistan

Oct. 2020 { May 2024

EXPERIENCE

Computer Vision Trainee

University of Engineering and Technology, Lahore

June 2023 – August 2023

Lahore, PK

- Worked on Health Care Application, Applied Face Recognition

Software Engineer Intern

Packages Ltd.

July. 2022 – August 2022

Lahore, PK

- Designed and Developed MERN stack web application
- Migrated database and implemented in MongoDB
- Designed Frontend in React and backend in Express and Node JS

Web Developer Intern

Cube Soft

July 2021 – Sep 2021

Lahore, PK

- Designed and Developed ASP.NET web application
- Integrated it with Desktop Application built in C#
- Observed closely database administration
- Deploying and testing, Identification of bugs in a software

PROJECTS

Epi-Vision | Python, Django, PyQT5, React, SQL, OpenCV

Final Year Project

- Developed a smart system for monitoring activities of elderly epileptic patients.
- Implemented real-time seizure detection, prevention, and forecasting using IoT devices and machine learning algorithms.
- Provided valuable insights to caregivers for timely intervention and aimed to improve the overall living standards of patients.
- Emphasized a user-friendly design to ensure accessibility for both patients and caregivers.
- Leveraged PyQt5 to create an intuitive and responsive desktop interface, enhancing the overall user experience..

Movie Recommendation System | Python

- Developed a personalized movie recommendation system using advanced algorithms and machine learning techniques.
- Analyzed and cleaned a large-scale dataset of 25 million ratings and 1,129 tag applications from the MovieLens dataset to prepare it for modeling.
- Implemented content-based filtering and collaborative filtering methodologies to provide accurate and engaging movie recommendations to users.
- Utilized Python's matplotlib library to visualize data patterns and trends, enhancing understanding and insights into user preferences and movie ratings.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS,

Frameworks: React, Tailwind, Node.js, Flask, Shopify, WordPress

Developer Tools: Git, Docker, AWS, VS Code, Visual Studio

Libraries: pandas, NumPy, Matplotlib, OpenCV