MUHAMMAD SHAYAN

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OBJECTIVE

Software Engineer with experience in the industry working on real-time projects to become a determined and motivated developer, seeking full-time Associate Data Science role.

EDUCATION

Bachelors of Computer Science, National University of Computer and Emerging Sciences — Expected 2024

A-Levels, SICAS — 2017 - 2019

SKILLS

Technical Skills — Python, C++, Oracle, SQL, Git, GitHub, Third Party APIs, Bulk, Prodigy, TensorFlow, PyTorch, Data Annotation, Data Visualization, Web Scraping

Soft Skills — Leadership, Project Management, Client Management, Team Collaboration, Time Management, Problem Solving, Positive Attitude, Pressure Resilience

EXPERIENCE

Product Development Intern — Jun 2023 - Jul 2023
Techverx — *Lahore,Pakistan*

- Conducted market research and competitor analysis to identify emerging trends.
- Collaborated with cross-functional teams to optimize the product development lifecycle.
- Assisted in the testing and quality assurance process.

PROJECTS

ExploreEase: Smart Image Categorization and Group Chat Tour App. ExploreEase simplifies tour planning with seamless booking and real-time location tracking. It fosters connection through dedicated group chats and ensures traveler safety with instant updates. Intelligent facial recognition personalizes photo sharing, making ExploreEase the ultimate tool for unforgettable travel experiences.

Data Annotator Using Modern LLMs. Built a Python project that consumes the power of Gemini API to annotate the textual data. The API takes the textual data as input and provides the result in the form of sentiment as positive or negative.

Web Scrapper. Built a Python project that can scrape text, image, and video links from the website. The scrapper uses the Python packages Beautiful Soup and Selenium to extract the data from the static page or dynamic page websites. The results are stored in the form of CSV files.

Valorant Rank Predictor. This is a R/R-shiny based project. The project is developed to predict the rank of a player in Valorant Game, based on his stats. The project uses a Regression model trained on more than 85000 entries.

ECG Data Analysis for Arrythemia Detection. This project involved the comprehensive exploration of arrhythmia detection using ECG analytics. It encompassed data acquisition from PhysioNet, preprocessing techniques including handling missing values and dimensionality reduction via PCA, exploratory data analysis, and visualization of ECG signals and correlations. The project aimed to lay the foundation for developing robust algorithms and models for arrhythmia detection.