Uswa Ijaz

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Education

PUCIT , Bachelor of Science in Computer Science

- Relevant Coursework: Machine Learning, Data Science, Artificial Intelligence, Flutter Development
- GPA: 3.18/4.0

Experience

Data Science Intern, Analyzinn Solutions   July, 2024 – August, 2024

- Gained hands-on experience in conducting exploratory data analysis (EDA) to extract meaningful insights from datasets.
- Developed and enhanced chatbot systems, incorporating text-to-text and text-to-speech capabilities using natural language processing (NLP) techniques.
- Worked with large language models (LLMs) for advanced text generation and other AI-driven tasks.
- Performed data scraping to collect and preprocess structured and unstructured data from online sources.
- Demonstrated proficiency in Python programming, including the use of libraries such as Pandas, NumPy, and BeautifulSoup for data processing and analysis.

AI/ML Intern, DevelopersHub and Corporation   October, 2024 – November, 2024

- Designed and trained machine learning models to address real-world problems, optimizing performance metrics such as accuracy and precision.
- Completed end-to-end AI/ML projects, including data preprocessing, feature selection, and model deployment.
- Gained experience with popular AI/ML frameworks, including TensorFlow and PyTorch, for model development and training.
- Collaborated with a multidisciplinary team to integrate AI solutions into larger systems and workflows.
- Created impactful AI/ML-based projects, delivering innovative solutions to meet client and organizational needs.

Certifications

- Cyber Security Course from KICS UET
- Introduction to Generative AI from Google Cloud Skill Boost

Projects

NutriNest – Personalized Meal Planning and Fitness Tracking App

- Developing a cross-platform mobile app using Flutter and Firebase for real-time user interaction.
- Leveraging AI to generate personalized meal plans and fitness routines based on user preferences.
- Incorporating progress tracking, rewards, and feedback systems for user engagement and improvement.
- Applying machine learning to analyze user data for actionable health and fitness recommendations.

Interests

- Fitness and Nutrition Technology
- Artificial Intelligence
- SAP Software
- Mobile App Development
- Data Science Applications

Tools and Technologies

- Flutter, Firebase
- Pandas, NumPy, Scikit-learn

Skills

- **Programming Languages:** Python, Dart
- **Core Skills:** Mobile Development, Machine Learning, Data Analysis