

Hamza Kidwai

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SUMMARY

Dedicated, ambitious and result-oriented professional with experience in python, data analytics and AI/ML fields. Proficient in extracting, analyzing and visualizing complex datasets to derive actionable insights. Skilled in machine learning and data visualization techniques. I have strong analytical abilities and effective communication skills to achieve the desired objectives. I'm eager to make an impact in the tech industry and go beyond the limit.

EXPERIENCE

AI/ML Intern

AppSynergies

June 2024 – Present, Remote

- I worked with Python programming to develop and implement REST APIs, focusing on natural language processing (NLP) models like text evaluation models etc. I utilized Flask to create and deploy these APIs, ensuring seamless integration and performance. I collaborated within an agile software development environment, contributing to sprints and iterative improvements. Additionally, I gained experience in cloud deployment, optimizing the scalability and accessibility of our solutions. This internship provided hands-on experience in applying AI/ML techniques and developing robust applications in a team-driven setting.

PROJECTS

AquaView (Robotics)

- Developed a ROV for underwater exploration that helps us to explore the depths of water bodies and extract valuable data and information.

Credit Card Fraud Detection Model

- Developed a credit card fraud detection model using Logistic Regression to accurately identify fraudulent transactions.

Image Classification using CNN

- Developed an image classification model using Convolutional Neural Networks (CNN) to accurately categorize images.

AeroAmbient

- Developed a real-time air quality monitoring system using IoT and Blynk, enabling continuous remote tracking and visualization.

Exploratory Data Analysis (EDA)

- Conducted Exploratory Data Analysis (EDA) on various datasets to uncover insights and trends, identify anomalies, and inform further analysis.

EDUCATION

Bachelor of Technology in Computer Science Engineering

Lucknow • India • 2024 • 75%

INTERMEDIATE

Al-Wurood International School • Jeddah, Saudi Arabia • 2020 • 84%

HIGH SCHOOL

Novel International School • Jeddah, Saudi Arabia • 2018 • 80%

SKILLS

Programming Languages: Python (NumPy, Pandas, Scikit-Learn, TensorFlow), SQL.

Data Visualization: Matplotlib, Seaborn, Power BI, MS Excel, Google Sheets.

Web Development: REST API, Flask.

Database Management: MySQL, Google Firestore.