Zohaib Hassan

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Portfolio: zh-777/zohaib-portfolio: Personal portfolio Website

CAREER OBJECTIVE

Aspiring data scientist with a strong passion for Artificial Intelligence and Machine Learning, seeking to contribute to innovative projects that harness data-driven insights for real-world impact. Eager to apply analytical skills, programming knowledge, and continuous learning to solve complex problems and drive intelligent decision-making in a dynamic and forward-thinking organization.

EDUCATION

2022-current

Bachelor's Degree of Computer Science, University of Agriculture, Faisalabad. **Current GPA:** 3.3

2019-2021

FSc. (Pre-Medical), Punjab group of Colleges, Hafizabad
Grade: A+/87%

2017-2019

Matric, Crescent Public School, Hafizabad
Grade: A+/87.54%

SKILLS

- **Programming Languages:** Python (NumPy, Pandas, Matplotlib, Scikit-learn), C++, JavaScript.
- **Data Science & Machine Learning:** Data Analysis, Data Visualization, Model Training and Evaluation, Feature Engineering.
- **Tools & Platforms:** Jupyter Notebook, Google Colab, Anaconda, VS Code, R-Studio.
- **Machine Learning Techniques:** Supervised Learning, Unsupervised Learning, Model Deployment Basics.
- **Web Development:** HTML, CSS, JS (Front-end), WordPress.
- **Graphic Designing**: Adobe Illustrator, Photoshop, Canva.

PROJECTS

- Developed a **Trade Journal System** is a digital platform designed to record, analyze, and manage trading activities. It helps traders track their performance, identify patterns, and make data-driven decisions to improve future trades. (3rd & 4th Semester)

- Implemented and evaluated various Machine Learning models K-Nearest Neighbors, K-Means Clustering, Logistic Regression, and Decision Tree on the **Wine Quality dataset** to classify and analyze wine samples. Performed hyperparameter tuning and achieved high accuracy (up-to 95%) and insightful clustering results. (5th-

Semester)

- Created a **Wi-Fi repeater** as a semester end project and wrote its documentation. (4th Sem.)

- Created **Web Development Projects** (4th & 5th Sem.).

- Developed a **Bank Marketing prediction** system using Python to predict term deposit subscriptions based on customer and campaign data. Implemented Machine Learning models including **Logistic Regression and Decision Trees**. Analyzed customer behavior patterns and visualized insights using Pandas, Matplotlib, and Seaborn, achieving strong prediction accuracy. (7th Semester)

- Designed and developed a **modern mobile information** website to provide users with the latest phone specifications, prices, and upcoming launches. Implemented responsive UI/UX using HTML, CSS, and JavaScript, ensuring a seamless experience across devices and browsers. (6th Semester)

- Implemented a **customer segmentation** system using Python and clustering techniques such as K-Means to group customers based on purchasing behavior. Utilized Pandas, Matplotlib, Seaborn, and Scikit-learn for data preprocessing, visualization, and model evaluation. Provided actionable insights for targeted marketing strategies. (7th Semester)

- Developed a **friendly blog platform for pet enthusiasts** to share care tips, training guides, and heartwarming stories. Built using HTML, CSS, and JavaScript with a focus on user-friendly design and responsive layout. Enhanced user engagement through organized content and interactive elements. (6th Semester)

CERTIFICATIONS

- Design Smarter with Canva AI **(UDEMY)**

- Python for Data Science **(UDEMY)**

- Python Hands on Tasks **(UDEMY)**

- Programming with Python & R **(UDEMY)**

- Python Crash Course- Codebettle **(@icodeguru)**

- Advance Python Programming **(NAVTTC)**

- Data Analyst Certificate- 8 Modules (Pursuing)
  Coursera (GOOGLE)

SELF PROJECTS

- Developed a fully responsive **Mobile-Info** website using HTML, CSS, and JavaScript, including filter functionality for better user experience.

- Created Python-based games such as Snake Game, Number Guessing Game, and Rock-Paper-Scissors to strengthen logical thinking and programming skills.

- Utilized Python with the Flask framework to work with web templates and customize them according to personal requirements.

EXPEREINCE

- As a Graphic Designer with CodeBettle (2+ Months – Current)
  Overall Graphic Designer Experience (1+ year)

- As a Data Scientist at Developer's Hub Corporation (2+ Months- Current)

- Overall Data Scientist Experience (8+ Months)

REFRENCES

- Available on request