MUHAMMAD HAROON SAJID

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SUMMARY

Results-driven Artificial Intelligence graduate seeking an internship position to apply a strong foundation in machine learning, data preprocessing, and model evaluation. I have hands-on experience with Python, object-oriented programming, and building AI/ML solutions using AI agents, and I am eager to collaborate effectively on real-world AI projects.

TECHNICAL SKILLS

- **Programming Languages:** Python, HTML
- **Frameworks & Tools:** FastAPI, Streamlit, Git/GitHub, Docker, Jupyter, VS Code
- **ML & AI:** Scikit-learn, LangChain, LLMs, RAG, Model Evaluation, Prompt Engineering
- **Data Analysis:** Pandas, NumPy, Matplotlib, Seaborn, Data Preprocessing, Feature Engineering

PROJECTS

Advanced JARVIS AI

- Developed an AI-powered voice assistant inspired by JARVIS using Python and speech recognition to handle daily tasks through voice commands. Integrated Hugging Face APIs for translation and text-to-speech. The assistant performs tasks using a variety of external libraries and APIs.

Laptop Price Predictor

- Built and compared multiple regression models to predict laptop prices, including Linear Regression, Decision Tree, Random Forest, and more. Random Forest Regressor delivered the best results, achieving an R^2 score of 0.86 and a Mean Absolute Error (MAE) of 0.16, making it the most accurate and reliable model tested.

AI Agent Projects (Langchain)

- Developed multiple AI-powered applications, including a **Resume Screening App** for automated candidate analysis through text understanding methods, and a **Medical Chatbot** designed to provide user-friendly health assistance through RAG. Leveraged LangChain to integrate LLMs (OpenAI, Gemini, Groq) with workflows, real-time data, and other RAG-based systems.

EDUCATION

Bachelor of Science in Artificial Intelligence   **2020 - 2024**

The Islamia University of Bahawalpur
- CGPA 3.14/4.0
- Final Year Project: Jarvis AI – A Virtual Assistant

Intermediate - FSc   **2018 - 2020**

Punjab Group of College Bahawalpur
- Marks: 815/1100

ADDITIONAL INFORMATION

- **Languages:** English, Urdu, Punjabi.
- **Certifications:** Python for Data Science, Machine Learning Foundations (Coursera)
- **Courses:** Generative AI with Langchain, Building APIs with FastAPI (CampusX)