Hamadullah Bijarani

CONTACT INFORMATION

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⭘ **GitHub:** github.com/hamadbijarani   in **LinkedIn**

PROFESSIONAL SUMMARY

A highly motivated Python Developer with a deep-seated interest in pioneering AI research, particularly in dynamic neural architectures, world models, and advanced video understanding. Possesses a robust foundation in algorithms, data structures, and software engineering principles, essential for building and experimenting with complex computational models. Eager to apply a methodical and results-driven work ethic to solve fundamental problems in image enhancement and contribute to research advancing the path toward **AGI**.

RESEARCH INTERESTS

Dynamic, Novel Architectures / World Models
Video Understanding / Image Enhancement

EDUCATION

BE in Computer Systems Engineering, **Sukkur IBA University**, Sukkur
Aug 2023 – Current

- CGPA: 3.4/4.0

- Semester project: Made 4-bit ALU using concepts learned in Digital Logic Design

- Tools & Technologies: MATLAB, VHDL, Arduino, Multisim, Cisco Packet Tracer

- Member – Tech Club and CSE Society; organized tech events and orientation sessions

- Coursework: Computer Architecture, DSA, Database Management, Digital Logic Design, Object-Oriented Programming

EXPERIENCE

AI Developer, Freelance   May 2023 - Current

Received Level 1 on Fiverr

Completed +20 orders

Worked on RAG, Fine-tuning LLMs, and custom NLP & CV models

PROJECTS

Customer Churn Prediction using ANN

Analyzed customer data and engineered key features to spot churn risks

Built and tuned a neural network using Keras to achieve optimal results

Achieved 85% accuracy and handed off a deployment-ready classifier

Sentiment Analysis using LSTM model

Cleaned and prepped 100K+ customer reviews for sentiment analysis

Built a deep-learning model that focuses on key words to accurately detect sentiment

Enhanced performance with pre-trained word embeddings and delivered a production-ready model

Skills

Programming Languages: Python, R, C++, SQL, CUDA, MATLAB, Java, Bash

Frameworks & Libraries: PyTorch, TensorFlow, Keras, OpenCV, NumPy, Pandas, Matplotlib, Scikit-learn

Tools & Technologies: Git, Docker, n8n, Linux, Jupyter, VS Code, Google Colab, Make.com, Zapier, Vapi.AI

Soft Skills: Communication, Team Collaboration, Problem solving, Time management, Adaptability

Reference

Available upon request.