

ALLEN JOHN ISAC STUDENT

Profile

AI and Data Science student with strong learning ability, responsibility, and readiness for real-world experience. Passionate about building intelligent systems using Machine Learning, NLP, and modern AI technologies. Experienced in developing end-to-end ML applications, implementing RAG pipelines, and deploying models using Streamlit.

Tech Stack: Python, LangChain, Vector Database (FAISS/ChromaDB), LLM APIs, Streamlit

Fake News Detection System .

Tech Stack: Python, NLP, Scikit-learn, Streamlit

E-Commerce Sales Prediction

Tech Stack: Python, Pandas, NumPy, Scikit-learn, Streamlit

AI Tetris Game

Technical Skills (Detailed) Programming Languages

Python, C, Java, SQL, HTML, CSS, JavaScript

Data Science & ML

Pandas, NumPy, Scikit-learn, Feature Engineering, Model Evaluation

AI & NLP Skills

Text Preprocessing, TF-IDF, Classification Models, NLP Pipelines, RAG Architecture, Vector Search, LLM Integration

Tools & Platforms

Git, GitHub, Streamlit, Jupyter Notebook, LangChain

Databases

MySQL, FAISS, ChromaDB

Web Development

HTML, CSS, JavaScript, React