

## **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