

Victor Oloruntoba

AI Engineer & Data Scientist

victor.automations@gmail.com | +1 (571) 444-3223 | Maryland, USA

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Profile

AI Engineer and Data Scientist who designs and ships production AI systems on a strong data-engineering foundation. I design AI agents and agentic workflows, build RAG architectures, and develop predictive models end-to-end, with hands-on experience across NLP, computer vision, and forecasting. Expert in Python, LangChain / LangGraph, Anthropic Claude, FastAPI, and SQL. Multiple-time hackathon competitor with a 100% Job Success record delivering AI agents and automation for international clients.

Skills

AI & LLM Engineering: RAG (Retrieval-Augmented Generation), AI Agents (LangGraph), LangChain, Anthropic Claude, GPT-4, Prompt Engineering, LLM Fine-tuning (LoRA), Vector DBs (Pinecone / Chroma)

Machine Learning & Data Science: PyTorch, TensorFlow, Scikit-learn, XGBoost, NLP (Transformers, spaCy, NLTK), Computer Vision (OpenCV, DeepFace), Predictive Modeling, A/B Testing, Survival Analysis, Time-Series Forecasting, Feature Engineering

Programming & Data: Python, SQL, JavaScript, R, PySpark

Engineering & MLOps: FastAPI (API design), Docker (containerization), Git / GitHub (CI/CD), Linux, REST APIs, n8n (workflow automation)

Data Engineering & Platforms: dbt, Prefect, Airflow, Airbyte, PostgreSQL, Databricks, ETL / ELT, Data Warehousing

Cloud: Amazon Web Services (AWS / S3), Microsoft Azure

Mathematics & Statistics: Probability, Statistics, Linear Algebra, Optimization

Professional Experience

Freelance AI Engineer & Data Scientist, Upwork

2024 – Present | Remote (Worldwide)

- Designed and shipped AI agents and RAG systems for international clients using LangChain / LangGraph, Anthropic Claude, and GPT-4, maintaining a 100% Job Success score and 5.0/5 rating across completed engagements.
- Built LLM-powered automation and workflow pipelines (n8n, FastAPI, Docker) for customer support, content generation, and data-validation use cases.
- Engineered prompt-optimization and NLP strategies that reduced hallucinations and improved response accuracy for production chatbots.

Data Scientist & Analytics, CWG Markets

Sep 2024 – Present | United Kingdom (Remote)

- Built and deployed automated pipelines (Python, Prefect) to ingest, clean, and transform real-time forex market data, broker logs, and client analytics, cutting manual processing by 90%.
- Implemented AI-powered data validation and QA automation in n8n, reducing manual review and errors by 70%.
- Developed API integrations with financial data providers (Bloomberg, Reuters, MT4/MT5) to centralize pricing and market indicators for analytics and risk teams.
- Designed PostgreSQL / dbt data-warehouse models and the core ERD, improving query performance for reporting dashboards (P&L, risk exposure, daily trading summaries).

Data Analyst, Impaakt

Jan 2022 – Dec 2023 | Geneva, Switzerland

- Performed qualitative and quantitative analysis of corporate sustainability data from annual reports and industry disclosures.
- Extracted, verified, and cited data against reporting standards; delivered 400+ ESG reports averaging 4.0/5, surfacing insights into corporate impact.

Data Scientist, Generative AI & LLMs, CIG LTD

2021 – 2022 | Remote

- Built early generative-AI solutions in Python, integrating GPT-4 and Anthropic Claude for business automation and customer support.
- Developed AI agents and RAG pipelines with LangChain, applying prompt-engineering and NLP techniques to reduce hallucinations and improve accuracy.
- Deployed AI applications behind scalable APIs using Docker and AWS.

Education

M.Sc. Data Science, <i>University of Dundee, Scotland</i>	Expected Dec 2026
B.Sc. Electrical & Electronics Engineering, <i>Obafemi Awolowo University, Ife</i>	04/2017 – 08/2024

Projects

Agentic SEO Article Generator <i>Python, LangGraph, Multi-Agent, Hugging Face</i> Autonomous multi-agent system that researches, plans, writes, and optimizes SEO content at scale, with specialized agents for SERP scraping, topic clustering, and outline planning.
MoodSense-AI <i>Python, OpenCV, DeepFace, Flask</i> Real-time facial-emotion analysis agent performing deep-learning inference on a live webcam feed and streaming annotated output to a low-latency web dashboard.
Mood-Bot (LangGraph) <i>LangGraph, FastAPI</i> State-driven conversational AI companion that analyzes sentiment in real time and routes users through an empathetic, high-performance FastAPI backend.
Sentiment Analysis Service <i>FastAPI, PyTorch, Transformers, Docker</i> Production-ready NLP microservice classifying social-media content into sentiment categories, covering the full ML lifecycle from preprocessing to a Dockerized REST API.

Achievements

100% Job Success Score and 5.0/5 rating on Upwork (AI agents, RAG systems, LLM automation). - Top 10, Data Science Nigeria Hackathon (predictive modeling for insurance claims). 3rd Place, TechWiz Web App Development, APTECH.
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Certifications

Data Engineering Associate, DataCamp Database Design, Data Warehousing, PostgreSQL, PySpark	Python Programming, Udacity Python	dbt Fundamentals dbt, Data Modelling
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