Jaheem Edwards

Valsayn, Trinidad and Tobago

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EXPERIENCE:

Data Scientist
Acado Foods - Contract
November 2025 – Present | Port of Spain, Trinidad and Tobago

- Guided the development and integration of outsourced ML models into company systems.
- Prepared and validated datasets for model training and evaluation.
- Automated data extraction and transformation with Python and SQL.
- Defined business metrics and monitored post-deployment model performance.
- Designed dashboards and reports for insight communication.

Developer Intern
Agostini Limited - Internship
July 2025 - October 2025/ Port of Spain, Trinidad and Tobago

- Built an end-to-end data pipeline GUI automating ERP sales data ingestion, transformation, and visualization using Python, PostgreSQL, and Streamlit.
- Created secure REST APIs and interactive dashboards for real-time analytics.
- Designed software prototypes based on user journeys and business requirements.
- Explored AI tools and mapped business data to support predictive analytics.
- Contributed to testing, debugging, documentation, and architecture planning.

EDUCATION
BSc. Computer Science (Special) — The University of the West Indies *(Jul 2025)*

CERTIFICATIONS
- *Data Science: Machine Learning — Codecademy (Sep 2025)*
- *Machine Learning/AI Engineer — Codecademy (Oct 2025)*
- *Build Deep Learning Models with TensorFlow — Codecademy (Oct 2025)*
- *SEC-100: Introduction to Cybersecurity — OffSec (In Progress)*

TECHNICAL SKILLS:
Python, C++, Bash | Flask, Streamlit, scikit-learn, TensorFlow, Pandas, Matplotlib | PostgreSQL, MySQL, SQLAlchemy | Git, Linux, Docker, CI/CD, API Development

PROJECTS - Portfolio Website: **Project Portfolio**

Telco Customer Churn Prediction   Live Demo | GitHub
- Predicts which telecom customers are likely to churn using account info, services, and usage patterns.
- Features an interactive web app with probability visualization and data exploration.

Market Regime Markov Model   Live Demo | GitHub
- Analyzes stock and cryptocurrency prices to identify market regimes (Bull, Bear, Neutral/Correction) and model transitions using a Markov Chain.
- Includes interactive visualizations: price charts, heatmaps, transition matrices, steady-state probabilities, and future regime simulations.

A/B Testing Analysis App   Live Demo | GitHub
- Analyzes A/B test results on a simulated retail website to determine if a background color change improves user engagement.
- Features interactive charts, boxplots, segmentation insights, and hypothesis testing explanations with plain-language conclusions.

Forest Fire Prediction   Live Demo | GitHub
- Predicts the likelihood of wildfires in the USA based on location, weather, and environmental features.
- Interactive web app with map and risk indicators.