

OKEKE MAKUOCHUKWU CHRISTIAN

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EDUCATIONAL BACKGROUND

African Leadership University - Kigali, Rwanda

January 2021 – December 2024

- **Software Engineering:** Data structures & Algorithms, Python, Javascript, Linux, Advanced programming, Web development, Server deployment and configuration, Databases, Nodejs, React, Django, Flask, API Development, Server deployment, AWS, CI/CD
- **Data Science and Machine Learning:** Data Analysis and Visualization, Deep Learning, Predictive analytics, Advanced Excel, SQL, Tableau

RELEVANT WORK EXPERIENCE.

IntelHP - Data Engineer

January, 2024 - June 2024

- Trained and deployed machine learning models on AWS servers to analyze real-time data streams.
- Executed rigorous integration testing to validate data from EHR systems and wearable devices through AWS platforms.
- Set up and maintained data ingestion pipelines via AWS Glue and IoT Hubs.

Supivaa Group - Business Development/Investor Relations

April 2024 - October 2024

- Conducted extensive data analysis across seven countries to advise the establishment of a \$50 million pharmaceutical plant; interviewed key opinion leaders and regulatory authorities.
- Assisted clients in raising over \$10 million in funding rounds and expanding client exports to the European Union.
- Crafted portfolios for investor engagement and impact investment.

BAG - Junior Software Developer

August 2023 - December 2023

- Enhanced the platform's user interface by updating and redesigning frontend components using React.
- Developed and integrated a task scheduling feature, allowing users to efficiently manage their activities.
- Utilized JavaScript and Node.js to implement new functionalities and optimize existing workflows, improving overall user experience and platform performance.

IgniteXL Venture Capital - Deal Sourcing Intern

September, 2022 - December 2023

- Worked on a Gender Lens Investment Strategy for businesses in Africa.
- Conducted market assessments to evaluate the potential and strategic impact of various business entities.
- Assisted with capital-raising activities, including managing relationships with investors, preparing due diligence documentation, and analyzing financial data.

St. Anthony's Comprehensive Institute - Teaching Assistant **September, 2018 - September, 2019**

- Tutored grade 10 students totalling 152 in Physics classes
- Mentored 38 first-year junior students leading to improved academic performance in BECE exams

PROJECTS

Gluc.AI - a solo project built with Reactjs and FASTAPI using a trained ML model to help individuals assess their risk of developing diabetes.

- Built with Reactjs and FASTAPI

Interactive Dashboard - For Rwanda National Institute of Statistics

- Used StreamLit to build interactive data visualization
- Analysed data for Rwanda's GDP and CPI from 1999 to 2023.

LEADERSHIP EXPERIENCE

Associate, African Youth Partnership

June 2022 - December 2023

- Engaged collaboratively, working with multinational teams from five African countries to advocate for equitable recovery strategies in the wake of the COVID-19 pandemic. Played a key role in crafting policy briefs and stakeholder outreach strategy.

- Initiated and led numerous impactful campaigns and stakeholder engagement activities, focusing on the critical area of digital education for teachers in Nigeria. These efforts were pivotal in raising awareness and garnering support for educational reforms.

AWARDS

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| • Best Graduating Student | 2018 |
| • I-Debate Rwanda Gold Champion | 2022 |
| • Gold Medalist, Pan African University Debates Championship | 2022 |