ALPHA DIALLO

North Liberty, IA | 470-662-7766 | www.linkedin.com/in/alpha-a-diallo23 | adiallo.org

SUMMARY

Data Scientist with a strong foundation in cloud product management, data analysis, and cross-functional collaboration. Adept at driving product development and operational excellence using data-driven insights. Skilled in cloud infrastructure, machine learning (AI), and data visualization. Passionate about building scalable solutions that support sustainability, efficiency, and business growth.

EXPERIENCE

DELL TECHNOLOGIES — *Product Manager, Cloud Solutions – Data Center*
Remote | Jan 2022 – Sep 2023

- Contributed to the successful release of Dell PowerEdge R760 and other 16th Gen servers by supporting QA testing, customer pilots, and launch readiness coordination.
- Managed cross-functional teams (sales, engineering, QA, finance) to deliver end-to-end product lifecycle management.
- Integrated Microsoft and VMware cloud solutions for 40+ global clients; supported customization and deployment.
- Implemented performance tracking using KPIs, surveys, and ESG-aligned metrics to improve roadmap decisions.
- Enabled sustainable recycling initiatives by partnering with ESG teams to add material tracking sensors to Dell equipment.
- Collaborated with teammates using Jira (Epics/User Stories) and maintained agile workflows for product rollouts.
- Supported enterprise client onboarding and post-sales support through technical demos and presentations.
- Spearheaded cloud strategy for market expansion using pay-as-you-go model innovations.

UNIVERSITY OF IOWA HEALTH CARE — *Supply Chain Data Analyst Intern*
Iowa City, IA | May 2024 – Aug 2024

- Managed inventory data integrity using SQL across PeopleSoft/Optiflex/EPIC systems.
- Conducted audits and QA testing to improve supply chain system accuracy and uptime.
- Built Tableau dashboards for cross-departmental analysis and real-time decision support.
- Prioritized and implemented system updates to support evolving logistics needs.

ENGIE North America — *Data Scientist (Consultant – Outage Detection Project)*
Iowa City, IA | Jan 2025 – Jun 2025

- Partnered with ENGIE's industrial team to develop a machine learning solution for predicting outages in their steam distribution network.
- Retrieved and cleaned time-series data using Python and PI System's Web API for hourly summaries across energy variables.
- Engineered features and built predictive models (Random Forest) to detect anomalies and forecast disruptions.
- Deployed models in a production-ready format and provided technical documentation for ENGIE's internal use.

EDUCATION

University of Iowa,   Iowa City, IA
Master of Science, Data Science   *(Graduated May 2025)*

Manhattanville College,   Purchase, NY
Bachelor of Arts, Digital Media & Computer Science   *(Graduated May 2021)*

Oak Hill Academy,   Mouth of Wilson, VA
Boarding High School Diploma   *(Graduated May 2017)*

SKILLSET

Python, R, JavaScript, SQL, HTML/CSS, Bash.

Tableau, Power BI, Microsoft Excel

Microsoft Azure, VMware, Dell EMC Cloud, PI System Web API.

MySQL, PostgreSQL, Cloud Storage, Time Series Data

Git, CI/CD Pipelines, Jira, API Integration, VS Code.

French (Fluent), NSF-ICORPS, Toastmasters, Soccer