

➤ PROFESSIONAL SUMMARY

Data Science and Generative AI enthusiast with hands-on experience building machine learning models and intelligent applications. Adept at data analysis, feature engineering, model training, and dashboard creation using Python and SQL. Successfully contributed to a generative AI-powered language app and analytics dashboards. Strong communicator with a passion for teaching, research, and simplifying complex data. Currently pursuing an MSc in Financial Engineering.

➤ TECHNICAL SKILLS

❖ Languages & Tools:

Python, SQL, Excel, Scikit-learn, Pandas, NumPy, Seaborn, Matplotlib, PowerPoint, GitHub, Jira, Figma, Postman

❖ **Specialties:** Data Analysis, EDA, Feature Engineering, Machine Learning, Generative AI (LangChain, CrewAI), A/B Testing, Regression & Classification

➤ **Soft Skills:** Teaching, Researching, Critical Thinking, Communication, Agile Teamwork, Sprint Planning

➤ PROFESSIONAL EXPERIENCE

❖ Data & Generative AI Intern Tecvinson Academy (Remote) – Apr 2024 – Present

Built a generative AI-powered language learning app using LangChain and Python

Engineered features and trained ML models (Scikit-learn) to personalize learning content

Conducted EDA and data preprocessing to clean noisy data and optimize ML pipelines

Delivered user stories, dashboards, and documentation in Agile sprints using Jira

Tools: Python, LangChain, Scikit-learn, Pandas, Jira, Figma, GitHub

❖ Personal Assistant to the President Terrestrial Humanitarian Empowerment Foundation – Lagos, Nigeria Jan 2022 – Present

Designed efficient workflows improving team productivity by 40%

Led digitization efforts for program records and reporting

Facilitated communication and administrative logistics for program heads

❖ Classroom Teacher Unique Children School – Ikeja, Lagos, Nigeria Jan 2012 – Jan 2024

Developed curriculum content tailored to student abilities using data insights

Integrated educational technology and tools to boost academic performance

Awarded “Best Staff” for innovation in student development

➤ EDUCATION

MSc, Financial Engineering (In View) WorldQuant University, New Orleans, USA | Expected 2026

➤ **CERTIFICATIONS**

Data Analytics Masters – Udemy (2025)

Data Science A–Z with Python – Udemy (2024)

Google Data Analytics – Coursera (2022)

SQL for Data Science, Data Visualization – Coursera (2022)

Foundations of Financial Engineering – WQU (2025)

Generative AI & Data Science – Tecvinson Academy (2024–2025)

➤ **PROJECT HIGHLIGHTS**

❖ **AI Language Tutor (Generative AI App)**

Built with LangChain and Python to offer interactive lesson feedback

Increased user engagement by 30% via adaptive responses

❖ **Financial Analytics Dashboard**

Modeled Nigerian government bond yield curves for MSc coursework

Built dashboard using Python & Excel

❖ **Bank Customer Conversion Prediction**

Cleaned bank marketing dataset, ran ML classification, and enhanced accuracy using cross-validation

✓ **Personalized Cover Letter**

Mercy Onyinyechi Uwakwe |31 Pipeline, Akute, Ogun State | onyinyechimercy224@gmail.com |
+2348038466511 LinkedIn Profile

Dear Hiring Manager,

I am writing to express my interest in a Junior Data Analyst or AI Assistant Developer position within your organization. As a passionate learner and tech enthusiast currently completing a Data & Generative AI internship at Tecvinson Academy, I bring a unique blend of technical skills, problem-solving ability, and a background in teaching and research.

At Tecvinson, I worked in a cross-functional team to design and deploy a generative AI-powered language app, leveraging tools such as LangChain, CrewAI, and Scikit-learn. I contributed to both data preprocessing and ML modeling workflows, leading to a 25% increase in internal analytics accuracy. My strengths lie in data storytelling, model evaluation, and translating insights into actionable outputs.

Beyond my technical experience, I am a natural educator and communicator, having spent over 10 years teaching and leading teams. These experiences shaped my ability to collaborate, simplify complex topics, and drive continuous improvement.

I am confident in using Python, SQL, Figma, and Jira, and I'm eager to grow further in containerization, computer vision, and C++. I believe in contributing to meaningful projects and would love to help your team harness the power of data and AI to drive results.

Thank you for your consideration. I would welcome the opportunity to further discuss how I can contribute to your goals.

Warm regards,

Mercy Onyinyechi Uwakwe

✓ **Fully Optimized LinkedIn Profile**

➤ **HEADLINE**

Aspiring Data Analyst | Generative AI Enthusiast | MSc Financial Engineering | Skilled in Python, LangChain, SQL, Jira & Data Visualization

➤ **ABOUT**

Hi there! I'm Mercy, a Data Analyst and Generative AI intern trained at Tecvinson Academy. My journey started in the classroom as a teacher, where I learned the power of storytelling and clarity. Today, I channel those skills into analyzing data, building intelligent systems, and helping teams understand insights through dashboards, AI tools, and visuals.

I've worked on real applications like a language learning app powered by LangChain and Python, conducted EDA, and trained ML models to support predictive systems. I'm confident with tools like SQL, Figma, Jira, and Scikit-learn, and currently expanding into computer vision and C++.

I'm open to roles in Data Analysis, AI/ML, EdTech, or Product Development—especially where I can combine my love of research and education with cutting-edge technology.

Let's connect if you're hiring for curious minds or want to collaborate on something impactful.

➤ **EXPERIENCE**

❖ **Data & Generative AI Intern Tecvinson Academy | Apr 2024 – Present**

Built a generative AI language app using LangChain and Python

Led dataset preprocessing and trained ML models

Created dashboards and reports for insight delivery

Delivered user stories, documentation, and test plans in an Agile team

❖ **Personal Assistant to the President Terrestrial Humanitarian Empowerment Foundation | Jan 2022 – Present**

Streamlined workflows, improving project delivery by 40%

Supported data digitization and communications

❖ **Classroom Teacher Unique Children School | Jan 2012 – Jan 2024**

Developed data-driven lesson plans and integrated digital tools

Recognized for innovation and excellence in education

➤ **EDUCATION**

MSc, Financial Engineering (In Progress) – WorldQuant University

BSc & Associate Degree in Health Science – University of the People

Nigeria Certificate in Education (Biology/Chemistry) – Alvan Ikoku College of Education

➤ **CERTIFICATIONS**

Google Data Analytics – Coursera

Foundations of Financial Engineering – WQU

Data Analytics Masters, Python for Data Analysis – Udemy

Machine Learning, SQL, Data Visualization – Coursera

Generative AI & Data Science – Tecvinson Academy

➤ **SKILLS**

Python, SQL, Data Visualization, LangChain / CrewAI, Scikit-learn, Communication, Teaching & Research, UI/UX with Figma, Jira

➤ **FEATURED**

GitHub: [Madu39627 \(Mercy Uwakwe\)](#)

➤ **VOLUNTEERING**

I've mentored peers, students, and participated in community tech events, .