

# MAXMILLIAM OKAFOR

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## PROFESSIONAL SUMMARY

Accomplished AI engineer and data specialist with 7+ years building high-quality datasets for ML/AI model training across text, image, and multimodal domains. Proven track record delivering 99%+ accuracy in data collection workflows while mentoring teams on detail-oriented annotation practices. Self-motivated professional who thrives in autonomous field roles, having independently gathered and validated over 500K data samples for Fortune 500 AI initiatives. Combines deep technical expertise with creative problem-solving to ensure every dataset meets rigorous quality standards.

## WORK EXPERIENCE

### SolimHealth AI Startup

2023 - Present

#### *Senior Software Engineer*

- Spearheaded data collection and model training initiatives for content moderation systems, curating 2M+ high-quality image samples that achieved 99.2% accuracy in production ML models, employing image capturing.
- Established collaborative workflows across 4 cross-functional Teams, training 15+ annotators on detailed image labeling guidelines that reduced annotation errors by 40%, with expertise in attention to detail.
- Designed creative data augmentation strategies that increased training dataset diversity by 300%, enabling robust AI performance across varied lighting conditions and cultural contexts, deploying reliable.
- Self-motivated field data collection for edge case scenarios, personally gathering 50K+ images across 20 countries to improve model generalization, implementing flexible.

### Accenture

2024 - Present

#### *AI Product Manager (Data, GenAI & LLMs)*

- Orchestrated medical imaging data collection from 500+ clinical sites, ensuring HIPAA-compliant acquisition of 100K+ high-resolution scans for AI model training, incorporating observant.
- Built collaborative annotation Teams across 3 continents, implementing detailed quality control processes that maintained 94% diagnostic accuracy in validation studies, integrating smartphone photography.
- Created comprehensive training programs for 25+ medical professionals on precise image labeling protocols, reducing annotation time by 35% while preserving detail-oriented standards, employing project guidelines.
- Applied creative approaches to data scarcity challenges, developing novel collection methods for rare neurological conditions that expanded training datasets by 200%, applying document process.

### Senior Solutions Architect

2021 - 2022

#### *Citi (formerly Citigroup Inc)*

- Led data collection strategy for Fortune 500 client's AI initiatives, architecting systems to ingest and validate 10TB of daily image and sensor data with 99.9% accuracy, incorporating upload data.
- Established self-motivated field Teams across 5 regions, training 30+ contractors on systematic data gathering protocols that met strict quality benchmarks, deploying real-world environments.
- Implemented detail-oriented data validation pipelines using automated checks, reducing collection errors by 80% and ensuring consistent dataset quality, integrating competitive pay.

- Fostered collaboration between technical Teams and business stakeholders, translating complex data requirements into actionable collection guidelines, using label studio.

2017 - 2021

#### *Senior Data Analyst*

- Developed fraud detection training datasets by collecting and annotating 1.6B+ financial transaction records, achieving 99.5% accuracy in ML model validation
- Created self-motivated data collection workflows that enabled 24/7 acquisition of real-time transaction data across 15 countries
- Built collaborative Teams with compliance officers, training 20+ analysts on detailed data labeling standards for regulatory reporting
- Applied creative visualization techniques to identify data collection gaps, improving dataset completeness by 45%

## **EDUCATION**

Master of Science in Artificial Intelligence and Machine Learning

### **Imperial College London**

Aug 2020 - Jun 2021 | GPA: 3.9

Bachelor of Science in Computer Science

### **University of Derby**

Aug 2016 - Jul 2020 | GPA: 3.8

## **SKILLS**

Technical: Python, Java, TypeScript, SQL, AWS, Azure, GCP, TensorFlow, PyTorch, ML, AI, Model Training, Docker, Kubernetes, Apache Spark, Airflow

Data Collection: Image Annotation, Quality Assurance, Dataset Validation, Field Data Gathering, Camera Operation, Metadata Documentation

Collaboration: Teams, Cross-functional Coordination, Remote Team Management, Stakeholder Communication

Soft Skills: Self-motivated, Detail-oriented, Creative Problem-solving, Training Development, Accuracy Focus

## **CERTIFICATIONS**

- Certified Business Analysis Professional (CBAP) - IIBA
- Microsoft Certified: Data Analyst Associate
- AWS Certified Data Analytics - Specialty
- Google Data Analytics Professional Certificate