OLIVER OMWOYO

Virginia, Ashburn
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Professional Summary

I am a highly skilled AI Data Specialist with more than 7 years of hands-on experience in data annotation, evaluation, and preprocessing across text, images, video, and audio. My expertise lies in ensuring the quality, accuracy, and compliance of datasets to meet industry standards, which is critical for training and improving the safety of AI models.

My core competencies include pairwise comparison, object tagging, classification, dataset quality assurance, and data validation. I hold a strong academic background from North Carolina institutions and combine it with extensive experience in AI-related research projects and freelance data work. Recognized for attention to detail, professionalism, and consistency, I excel in managing multiple projects remotely while delivering high-quality outcomes on time.

Core Competencies

- AI data collection & preprocessing

- Annotation & labeling (text, audio, video, images)

- Dataset quality assurance & validation

- Pairwise comparison & structured evaluations

- Object tagging, classification, and metadata creation

- Machine learning support tasks (training data preparation)

- Remote collaboration & project management

- Advanced English writing, editing & comprehension

Professional Experience

Senior AI Data Specialist (Remote)
Freelance | 2020 – Present

- Led large-scale annotation projects for AI training across diverse English-language datasets.

- Conducted **pairwise evaluations** of AI-generated content for fluency, accuracy, and contextual alignment.

- Managed cross-format annotation tasks including **speech-to-text, video segmentation, and image tagging**.

- Delivered **quality assurance checks**, reducing dataset inconsistencies by 20%.

- Coordinated with international project teams in flexible remote environments.

Data Quality Analyst

IBM Research Triangle Park – Raleigh, NC | 2017 – 2020

- Directed **data preprocessing and integrity checks** for enterprise-level AI and ML systems.

- Developed **evaluation benchmarks** for natural language and image recognition algorithms.

- Conducted error analysis and improved **data workflows** that enhanced training efficiency.

- Collaborated with engineers and linguists to optimize annotation frameworks.

Research Assistant – Computational Linguistics & Data

North Carolina State University | 2015 – 2017

- Supported faculty-led projects in **natural language processing, data annotation, and AI experiments**.

- Organized and cleaned large research datasets.

- Contributed to research publications and presented **reports on AI model evaluation methods**.

Education

North Carolina State University (NCSU)

Bachelor of Science in Computer Science – Minor in Linguistics
Raleigh, NC | Graduated: 2017

- Focus: **Artificial Intelligence, Computational Linguistics, and Data Processing**.

- Coursework: Machine Learning, Data Mining, Advanced English Linguistics, Human-Computer Interaction.

- Participated in university-level **AI research labs and annotation projects**.

William G. Enloe High School

Raleigh, NC | Graduated: 2013

- Specialized in **Mathematics, English, and Computer Science**.

- Member of the **Debate Team, STEM Club, and Robotics Society**.

Daniels Middle School

Raleigh, NC | Completed: 2009

- Strong academic foundation in **English, Math, and Computing**.

- Involved in early **STEM and technology-focused learning activities**.

Root Elementary School

Raleigh, NC | Completed: 2006

- Built basic literacy, numeracy, and computer usage skills.

- Gained early exposure to **digital learning environments**.

Additional Information

- **English Proficiency:** Advanced C2 – near-native fluency in written and spoken English.

- **Availability:** 10+ hours weekly, flexible schedule.

- **Technical Tools:** Excel, Google Workspace, Labelbox, Scale AI, Appen, and other dataset annotation platforms.

- **Strengths:** Accuracy, adaptability, teamwork, and efficiency in remote freelance projects.