

Osaegboka Ossai

United States | Ossaiosaegboka@gmail.com

---

## **Professional Summary**

Analytical and versatile professional with a BA in Molecular and Cellular Biology (Duke University, 2022) and expertise in AI evaluation, English language training, and content analysis. Skilled at assessing and refining AI-generated outputs for clarity, coherence, and accuracy. Combines a strong scientific foundation with advanced English communication and editing skills to evaluate, fact-check, and enhance AI systems. Passionate about improving AI language models and ensuring natural, contextually appropriate human-AI interactions.

---

## **Skills & Expertise**

**Language & Communication:** Advanced English Writing • Editing & Proofreading • Linguistic Analysis • Style & Tone Adaptation • Grammar & Syntax Expertise

**AI & Evaluation:** AI Model Evaluation • Prompt Engineering • Response Ranking & Rating • Fact-Checking • Quality Assurance (QA) • Red-Teaming • Rubric Application

**Analytical & Research:** Critical Thinking • Scientific Research • Data Analysis • Literature Review • Information Synthesis • Logical Reasoning

**Technical & Tools:** AI Annotation Platforms (Scale AI, Appen, Remotasks) • Microsoft Office Suite • Google Workspace • Data Tools (Excel, R)

**Professional Strengths:** Attention to Detail • Clear, Concise Communication • Adaptability • Creative Problem Solving • Cross-Disciplinary Collaboration

---

## **Professional Experience**

### **AI English Trainer / Evaluator**

Appen – Remote, United States | Jan 2024 – Present

- Evaluate and refine AI-generated English responses for accuracy, fluency, and human-likeness.
- Review, rank, and critique AI outputs to ensure natural communication across professional and creative contexts.
- Write and edit model prompts to test AI reasoning, coherence, and tone.
- Apply complex project rubrics to ensure language consistency and adherence to linguistic standards.
- Collaborate with AI development teams to enhance model reliability and output diversity.

### **Subject Matter Expert (Biology)**

Freelance – United States | Jan 2023 – Present

- Fact-checked and evaluated AI-generated biology content for scientific accuracy and conceptual clarity.
- Authored high-quality “gold-standard” responses to train and benchmark AI models.
- Provided structured evaluations identifying factual and logical errors in model responses.
- Ensured quality assurance across biology-related AI datasets and training content.

### **Research Intern – Biology Department**

Duke University – Durham, NC | May 2022 – Dec 2023

- Supported experimental research on cellular signaling and gene regulation.
- Conducted assays, recorded data, and applied statistical tools for analysis.
- Drafted reports, research summaries, and data presentations for departmental projects.
- Assisted in literature synthesis and academic writing for faculty publications.

### **Teaching Assistant – Introductory Biology**

Duke University – Durham, NC | Aug 2021 – May 2022

- Simplified complex biological and linguistic concepts for undergraduate learners.
  - Graded and provided detailed feedback on essays and reports, emphasizing clarity and scientific accuracy.
  - Facilitated lab sessions and discussion sections to improve comprehension and writing precision.
- 

### **Education & Courses**

#### **Bachelor of Arts (BA) in Molecular and Cellular Biology**

Duke University, Durham, NC, United States

Graduated: 2022

Capstone Project: "Molecular Mechanisms of Cell Regulation and Signal Transduction"

#### **Professional Certificate in AI & Language Evaluation**

Stanford University Online – 2023

Course Focus: AI model assessment, prompt engineering, linguistic evaluation, and content quality assurance.

---

### **Selected Projects & Publications**

- AI Evaluation Project (2024): Assessed AI English responses for accuracy, tone, and contextual appropriateness.
  - AI Content Evaluation (2024): Analyzed AI-generated biology explanations for factual accuracy and clarity.
  - Undergraduate Research Paper (2023): Cellular Response to Oxidative Stress in Eukaryotic Systems — internal publication, Duke University.
  - Presentation (2022): Molecular Pathways of Energy Metabolism, Departmental Seminar Series, Duke University.
- 

### **Additional Information**

- Excellent command of written and spoken English for academic and AI evaluation tasks.
- Strong cross-disciplinary expertise combining language, science, and AI reasoning.
- Flexible, reliable, and detail-oriented professional passionate about improving human-AI communication.
- Interests: Artificial Intelligence • Linguistics • Educational Technology • Biomedical Innovation