

## **CURRICULUM VITAE**

### **Personal Information:**

**Name:** Okello Raymond

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Raymond is a results-oriented professional with 5 years of experience as an educator developing skills in planning, communication, curriculum development. He currently works as a teaching associate for a multi-donor STEM initiative in Northern Uganda, where he implements program and coordinate stakeholders. Raymond also brings hands on experience is developing simulation tool with a recent lead development of the demand response simulation tool for optimizing grid energy use for Uganda, Kenya, Malawi, Ethiopia, and Tanzania for Bayes Consulting which further highlights his ability to design and implement solutions that have real-world impact.

### **EDUCATION**

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2024: **Gulu University, Gulu**

🎓 Bachelor of Science (Economics)

### **Other Professional Certificates**

🎓 2025: Applied Data Science Lab Certificate

🎓 2024: Monitoring, Evaluation, Accountability & Learning in Emergencies (MEAL)

🎓 2025: Data Analysis with Python

🎓 2023: DHIS2 aggregate data capture and validation

### **SKILLS AND COMPETENCIES**

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#### **Technical Attributes**

- **Data Analysis & Statistical Methods** – Proficient in data cleaning, exploratory analysis, and hypothesis testing
- **Programming & Data Tools** – Advanced skills in **Python**, **MySQL**, **Excel**, with experience using **Pandas**, **NumPy**, and **Scikit-learn**
- **Data Visualization** – Skilled in creating dashboards and visual insights using **Power BI**, **Matplotlib**, **Seaborn**, and **Pandas**
- **Machine Learning** – Experience in building and evaluating models for classification, regression, and clustering tasks
- **Productivity & Reporting Tools** – Competent in **MS Word** and professional report writing.

## Languages

- English – Fluent
- Lango – Native
- Acholi - Fair

## WORK EXPERIENCE

Organization: **Fundi Robotics**

Position: **Teaching Associate**

Date: **January 2024 - Present**

### **Roles:**

- Developed and contextualized curriculum content for the Enhanced Science Curriculum (ESC), aligning materials with national education standards and learner-centred pedagogies.
- Facilitated the integration of science kits into classroom instruction, providing hands-on support and pedagogical guidance to science teachers across multiple schools.
- Designed and led capacity-building workshops focused on digital education tools, enhancing teacher competencies in blended learning and ICT integration.
- Implemented monitoring and evaluation frameworks to assess the effectiveness of science kit usage and digital content delivery, collecting feedback and usage data for continuous improvement.
- Led data collection for baseline and endline surveys as part of an impact evaluation study, contributing to evidence-based adjustments in curriculum delivery and teacher training programs

Organization: **Youth alive, Uganda**

Position: **Data Clerk**

Date: **January 2023 – December 2023**

### **Roles:**

- Conducted systems integration between field data collection tools (e.g., Kobo Toolbox, ODK) and cloud-based analysis platforms to streamline data flows.
- Built automated data cleaning scripts in Google Sheets using formulas and conditional logic to reduce manual effort and increase accuracy in weekly reports.
- Collaborated with the Monitoring & Evaluation (M&E) Officer to ensure timely, accurate data entry in compliance with donor and organizational reporting standards.
- Digitized critical paper-based health records (HEI, CALHIV, HVAT) using Kobo Toolbox, significantly improving data accessibility, reporting efficiency, and minimizing transcription errors.
- Developed and implemented standardized data management protocols, streamlining the processes of data collection, verification, and quality assurance across field teams.
- Conducted routine data quality audits to detect and resolve inconsistencies, leading to measurable improvements in data reliability and integrity.

Organization: **Adwari Secondary School**

Position: **Education Officer**

Date: **January 2018 – December 2022**

**Roles:**

- Designed and delivered engaging, curriculum-aligned lesson plans using interactive and student-centred methodologies, leading to improved student outcomes in classroom and national assessments.
- Facilitated project-based learning and collaborative activities, promoting critical thinking, problem-solving, and communication skills among learners.
- Monitored and analysed student performance data through regular formative and summative assessments, using insights to tailor instruction and close identified learning gaps.
- Implemented differentiated instruction strategies to accommodate diverse learning styles and abilities, fostering an inclusive and supportive classroom environment.
- Integrated digital tools and visual aids to enhance content delivery and increase student engagement, particularly in science and numeracy subjects.

Organization: **Remotasks, Africa (Remote)**

Position: **AI Trainer**

Date: **January 2018 – December 2022**

**Roles:**

- Led comprehensive training sessions for new annotators on best practices, tools, and workflows, ensuring high-quality annotations and strict adherence to project guidelines.
- Partnered with team leads and analytics teams to identify target areas, refine recruitment strategies, and analyze productivity metrics for continuous process improvement.
- Tracked and evaluated trainee performance using Google Sheets and Airtable via the Headcount Management Tracker (HMT), effectively monitoring key metrics such as task completion, accuracy, and efficiency.
- Delivered personalized feedback and coaching to trainees based on performance data, resulting in measurable improvements in annotation accuracy and overall productivity.

**Referees**

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