

# Amara Osei

Junior Laboratory Technician

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## Profile

Chemistry graduate from the University of Reading with hands-on laboratory experience from a summer placement at a pharmaceutical CRO. Performed **200+ analytical tests** using HPLC, UV-Vis spectroscopy, and titration methods over 10 weeks. Trained in GLP, GMP, and quality management systems with a **2:2 (58% average)** and a meticulous approach to sample handling, documentation, and laboratory safety.

## Experience

### **Analytical Laboratory Intern**, Quotient Sciences, Reading

Jun 2025 – Aug 2025

Completed a 10-week summer internship in the analytical chemistry laboratory supporting pharmaceutical product testing.

- Performed **200+ analytical tests** on drug products and raw materials using HPLC, UV-Vis spectroscopy, and Karl Fischer titration
- Prepared **50+ standard solutions and mobile phases** following SOPs and GMP requirements
- Documented all results in **laboratory notebooks and LIMS**, maintaining 100% compliance with data integrity standards
- Assisted with **3 method validation studies**, running accuracy, precision, and linearity experiments

### **Student Lab Demonstrator**, University of Reading, Reading

Sep 2024 – May 2025

Demonstrated first-year chemistry practical sessions covering wet chemistry, spectroscopy, and chromatography.

- Supervised **3 sessions per week** for groups of **30 students**
- Marked **90 lab reports** per semester and prepared reagents and equipment before each session

### **Sales Assistant (Part-time)**, Superdrug, Reading

Sep 2022 – May 2025

Worked weekend shifts at a high street health and beauty retailer.

- Served an average of **70 customers per shift** and maintained stock displays across 3 aisles

## Education

### **BSc (Hons) Chemistry in Chemistry**, University of Reading, Reading

Sep 2022 – Jul 2025

Graduated with Lower Second Class Honours (**2:2, 58% average**).

- Dissertation on the development of a colorimetric assay for heavy metal detection in river water, graded **62%**
- Relevant modules: Analytical Chemistry, Organic Chemistry, Spectroscopy, Laboratory Techniques, Quality Management

## Skills

HPLC Operation & Troubleshooting, UV-Vis Spectroscopy, Karl Fischer Titration, Solution Preparation & Dilution, GLP / GMP Compliance, LIMS Data Entry, Laboratory Notebook Documentation, Method Validation (ICH Q2), Sample Preparation & Handling, Health & Safety (COSHH), Attention to Detail, Microsoft Excel

## Certifications

### **RSC Affiliate Member**, Royal Society of Chemistry

Aug 2025 – Aug 2025

## Languages

English - Native, Twi - Conversational (B1)

## Extra Curricular Activity

### **Science Outreach Volunteer - University of Reading**

Jan 2024 – Jun 2025

Delivered **5 chemistry demonstration workshops** at local secondary schools, introducing GCSE students to spectroscopy and chromatography techniques.