

RAYMOND JOHN TYABA

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PROFILE

Biomedical Engineering graduate from the University of East London (2:1) with additional Computer Science studies. Experienced in healthcare analytics, biomedical engineering, artificial intelligence, software development and customer-facing operations. Developed practical skills through TruBridge Healthcare Data Analytics, Healthcare Operations & Consulting and Pfizer externships, alongside professional client-service experience supporting KPMG.

TECHNICAL SKILLS AND STRENGTHS

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| • Python | • RAG & Vector Search |
| • Java | • FAISS & Embeddings |
| • PHP | • CAD & SolidWorks |
| • Healthcare Data Analytics | • Customer Service |
| • AI & Machine Learning | • Stakeholder Communication |
| • OCR & Document Processing | • Problem Solving |
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EXPERIENCE

TruBridge Healthcare Data Analytics Externship

Oct 2026 - Present

- Analysed healthcare datasets and performance indicators.
- Generated data-driven insights supporting healthcare decision-making.
- Collaborated on healthcare analytics projects and presentations.

Healthcare Operations & Consulting Extern

Sep 2026 - Oct 2026

- Evaluated healthcare workflows and operational performance.
- Applied consulting frameworks to real-world healthcare challenges.

Pfizer Pharmaceutical Data Extraction Extern

Aug 2026 - Oct 2026

- Built a pharmaceutical document intelligence solution using OCR, FAISS, MiniLM and FLAN-T5.
- Developed a Gradio interface with grounded answers and source attribution.

Customer Service Assistant - Compass Group (KPMG)

Jan 2024 - Present

- Delivered professional customer support within KPMG offices.
- Resolved enquiries and maintained high service standards.

Biomedical Engineering Intern - Amalthea Trust

May 2024 - Mar 2025

- Trained on medical equipment, ultrasound systems and clinical engineering practices.
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EDUCATION AND QUALIFICATION

University of East London

BSc Biomedical Engineering (2:1), Graduated May 2026

University of the People

BSc Computer Science (Part-Time), Expected Nov 2026

Bronston Canadian Academy

Grade 12 Diploma (87%)

Namilyango College

GCSEs, Overall Grade A

INTERESTS

Rugby, Healthcare Innovation, Artificial Intelligence, Biomedical Technology, Software Development and STEM Volunteering.

REFERENCES

Available upon request.