Jubileejoy "JJ" Zirebwa

First Class Biomedical Science graduate | Genomics-linked health data science | Healthcare innovation | Cambridge, UK | jubileejoyzirebwa@gmail.com | github.com/JJZirebwa | linkedin.com/in/jubileejoy-zirebwa

Profile

First Class BSc (Hons) Biomedical Science graduate from Anglia Ruskin University with experience across genomics-linked health data research, applied machine learning, healthcare innovation, AI/MedTech governance, market intelligence and biomedical evidence handling. My strongest work sits where scientific evidence, data quality, governance and practical decision-making have to be kept aligned.

Education

BSc (Hons) Biomedical Science	Anglia Ruskin University, Cambridge | First Class Honours, awarded 10 June 2026
Undergraduate Project	Module mark 82 (A, 30 credits); dissertation write-up component 83/100.

Selected experience

Commercial Intern, Health Innovation East

July 2024 - July 2025

- Supported NHS-facing health innovation work across evidence briefs, innovator triage, market intelligence, competitor analysis, adoption logic and business-case support.
- Built reusable market-intelligence and horizon-scanning materials, including structured company lists, competitor matrices and technology landscape summaries.
- Authored practical AI/MedTech guidance-support material covering evidence expectations, regulation, data governance, interoperability, clinical safety and post-market monitoring.
- Contributed to pathway, QOF/ICB-aligned and business-case materials across product, evidence and adoption questions.

Final-year project, Genomics England Research Environment context

2025 - 2026

- Designed and authored an exploratory, governance-aware health data science project using genomics-linked hospital episode material in a Brugada-suspect research context.
- Built cohort logic, ICD/HES-derived feature engineering, observability controls and split-first preprocessing before comparing logistic regression, random forest and shallow neural-network baselines.
- Reviewed model behaviour through thresholding, metric comparison, feature effects, subgroup/fairness considerations and bounded interpretation of weak signal.

Research Intern, ConsoneAI / DioScor and Anglia Ruskin University

May - June 2024

- Mapped toxicology and dose-response evidence fields into a structured data-preparation context for downstream research use.
- Used Python-supported extraction, cleaning and organisation of biological evidence while documenting data limitations.
- Presented internship work through a poster at the Anglia Ruskin PGR Conference 2024.

Technical and evidence skills

Biomedical science	pathology, microbiology, genetics, pharmacology, haematology, immunology, translational medicine
Data and modelling	Python, pandas, NumPy, scikit-learn, cohort logic, feature engineering, model evaluation, reproducibility
Health innovation	evidence synthesis, market intelligence, competitor analysis, adoption logic, AI/MedTech governance
Writing and judgement	scientific writing, limitations-led interpretation, decision support, clear stakeholder communication

Selected academic strengths

Dissertation write-up component 83/100; Undergraduate Project module 82 (A, 30 credits); selected A-grade modules include Mathematics for the Biosciences, General Microbiology, Human Pathology, Pharmacology and Translational Medicine, Principles of Genetics, and Preparation for Research.