



Dolapo Ajayi

| Clinical Bioinformatician & Data Scientist

Contact

- Available on request
- dolaajayi@hotmail.com
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- London, England

Education

2015-2017

**MSc Bioinformatics with
Systems Biology**
Birkbeck College

2022-2025

**MSc Clinical Science
(Genomics, Bioinformatics)**
University of Manchester

Skills

Git & CI/CD	MySQL/PostgreSQL
Containerisation	Agile Software Development
Python	AWS Cloud & Terraform
R	HTML & CSS
Linux & Bash	Explorative Data Analysis

Interests

History	Calisthenics
Technology	Football

Profile

I have worked on bioinformatics projects in several fields; in a variety of settings. And this has given me a wealth of experience with people and taught me the ways by which people are encouraged to be their best. I am excited by the prospect of taking on new challenges and the team effort and journey required to overcome them.

Experience



Clinical Bioinformatician

Synnovis, Guy's and St Thomas' Hospital Sept 2025 - Present

- Developed a MySQL database and RShiny dashboard to easily query DNAnexus project data.
- Developed a PostgreSQL database and a Flask based web app to store and query the provenance of data stored in DNAnexus to prepare for the safe migration of more than 500TB of data.
- Working as a duty bioinformatician to manage clinical genomics pipelines for the SEGLH.



Trainee Clinical Scientist (Bioinformatics)

The Royal Marsden Hospital Jan 2022 – Sept 2025

- Oversaw work on the development and validation of an in house clinical HRD test for patients with Ovarian Carcinoma -to repatriate the test from third-party provision which will reduce Turn-Around-Time by at least 24 hrs and save more than £100k annually and enable scalability to serve many more patients .
- Trained new staff for the duty bioinformatician role. Acted as mentor to STP trainees in the North Thames GLH.



Research Bioinformatician

March 2019 –December 2021

UCL Cancer Institute

- Conducted research on the methylome landscape of undifferentiated sarcoma using various data types including Reduced Representation Bisulphite Sequencing (RRBS) Illumina Infinium Methylation Array data (27K/450K/850K). My contributions are published in "*Signatures of copy number alterations in human cancer*" in Nature journal.



Bioinformatician

February 2018 – March 2019

The Animal And Plant Health Agency

- I developed and maintained an NGS pipeline for salmonella serovar identification and surveillance in the UK.
- I conducted phylogenetic analysis of bacteria samples for an epidemiological project entitled, the "Role of wild birds and environmental contamination in the epidemiology of Salmonella infection in an outdoor pig farm", published in Veterinary Microbiology.