

ARCADE KWAKU

KEY SKILLS

Technology: Python, HTML5/CSS3, SQL, Git, Github, JavaScript

Statistical data packages: MINITAB & PRISM

Microsoft: Excel, Word,
Python Libraries: Pandas, Numpy, Flask, Django
SQLAlchemy, HTML5, CSS3, Bootstrap

Scientific techniques: DNA/RNA extraction, RT-PCR, ELIZA, Western blot, cell culture, cDNA synthesis, Flow cytometry & molecular genetics.

EDUCATION

MSc. Immunology
King's college London (2015-2016)

BSc. Human Biosciences
Plymouth University (2012 – 2015)

CONTACT

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GITHUB:
<https://github.com/arcadekuro>

LINKEDIN:
<https://www.linkedin.com/in/arcade-kwaku-63a62b101/>

PROFESSIONAL EXPERIENCE

Technical Analyst/Avocet Ltd.

May 2019 – Present

Providing technical support and account management for the growth of digital advertising campaigns.

- Conducting detailed data analysis and statistical insights using Numpy and pandas in Jupyter Notebooks.
- Creating automated scripts to query databases using SQL and python for block chain partners.
- Close collaboration with development team for migration of reporting scripts from presto to kubernetes.

Research Assistant/Guys & St Thomas' hospital NHS Trust

November 2018 – May 2019

Responsible for administrative and laboratory assistance to a large portfolio of observational clinical trials in the Women's health department.

- screened and recruited 100s of patients to myometrium studies.
- Provided insights to improving online database systems for clinical trials and medical bio-banks such as MedSciNet.

Chemotherapy Administrator/ Imperial college healthcare NHS Trust

May 2018 – November 2018

- Actively involved in data analytics for use of the java automated library Cerner for data entry, auditing, cleaning, administration, and patient pathway management.
- Ensuring accuracy to compile databases and improve data handling.

Medical Technical Officer/ Oxford University Hospital NHS Trust

August 2016 – April 2018

- Organized over 238 hours on-call abdominal transplantation surgeries across national NHS trusts.
- Processed, analysed and presented results for large scale genotyping important for HLA typing in transplantation.
- HLA sequence analysis with uTYPE software by assisting senior scientists in determination of molecular typing.