

JAMIU TUNDE SULEIMAN

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Daehyeon-ro 9-gil, Buk-gu,
Daegu,
South Korea.

EDUCATION

- | | | |
|-------------|---|---------------------|
| MSC | Kyungpook National University, Daegu, South Korea, Electronics and Electrical Engineering | Mar 2023 - Dec 2024 |
| BEng | Bayero University Kano, Nigeria, Computer Engineering
Upper Second-Class Honours | 2013 - 2018 |

RESEARCH EXPERIENCE

Graduate Researcher

Kyungpook National University, Daegu, South Korea

Mar 2023 – Present

- Researching data augmentation in artefact's character recognition
- Worked on context-filtering using language model hidden representation

Researcher

Machine Learning Collective (MLC)

May 2023 – Present

- Working on the redaction of sensitive information from the RVL-CDIP Dataset, wrote scripts to redact the marital status and age information, resulting in the redaction of about 4500 images out of the 20036 images in the resume category.
- Cleaning the RVL-CDIP Dataset for duplicates and incorrect categorisation. wrote scripts and trained models for removing duplicates and outlier detection algorithms to remove incorrectly categorised data.
- Studying the impact of redaction and removing of duplicates on the existing SOTA models on the RVL-CDIP Dataset
- I am working on Data augmentation methods (i.e. paraphrasing, storytelling etc) for low-resource African language.

PROFESSIONAL EXPERIENCE

Software Engineer

MyClinify, Nigeria
July 2021

Mar 2021 –

- Built the Clinify admin dashboard using React JS
- Integrated the admin dashboard to the GraphQL API
- Worked on the backend which uses Next Js framework, GraphQL and PostgreSQL database
- Implemented the routes for managing private doctors
- Attended daily meetings to analyse the progress of the project

Software Developer

Build4Sdg Cohort 2, Nigeria

2020 – 2020

- worked alongside a team in developing the essential pages of the web app using React JS
- Integrated the front end with the Django API

VOLUNTEERING WORK

Teacher

St Claire's girl's grammar school, Offa, Nigeria

Sept 2021 –

- Teach mathematics and computer science by preparing notes and taking classes

COURSES AND CERTIFICATES

- | | |
|--|------|
| • Udacity- Cloud developer | 2021 |
| • Coursera- Algorithm Toolbox | 2022 |
| • Coursera- Supervised Machine Learning: Regression and Classification | 2023 |
| • Coursera- Unsupervised Learning, Recommenders | 2023 |
| • Coursera- Natural Language Processing with Probabilistic Models | 2023 |

RESEARCH WORKS

- | | |
|--|------|
| • Enhancing the Automatic Recognition Accuracy of Imprinted Ship Characters by Using Machine Learning | 2023 |
| • Generative Adversarial Network Models for Augmenting Digit and Character Datasets Embedded in Standard Markings on Ship Bodies | 2023 |

TECHNICAL COMPETENCIES

Machine Learning Tools: Jax, Pytorch, Tensorflow, NLTK, Cv2, Numpy, Trax

Programming: Python, C++, Javascript, Typescript, Express Js, SQL, Node js, React JS, HTML

Tools: Unix, Git, AWS