



Felermينو Ali

PhD Candidate

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Pemba, Mozambique 📍

03 April, 1989 📅

A software engineer and AI enthusiast willing to work on real-problem for African communities

WORK EXPERIENCE

Consultant - Software Engineer

Cedsif, IT

07/2021

Maputo, Mozambique

Center for the Development of Finance Information Systems (CEDSIF) - CEDSIF is an institution linked to the Ministry of Economy and Finance which was set up to modernise the public finance management information systems, for all state and municipal bodies

Consultant - Moodle Integration - Full Stack Developer

Mwetana

Monrovia, Liberia

Achievements/Tasks

- Integrate Moodle Learning Management System with SchoolLink™ School Management System.
- Moodle Installation and Configuration - <http://moodle.schoolinkcx.com/>
- OAuth implementation, Web Service Integration, SQL Server, C#, PHP

Faculty Member, AI Researcher and Software Developer

Faculty of Engineering - Lúrio University

08/2012 - Present

Pemba, Mozambique

Achievements/Tasks

- Assistant Lecturer of the following subjects: Object Oriented Programming, Database Lab, Software Engineering Lab.
- Developer of E-Sira (seul.unilurio.ac.mz).
- Advising/Supervising Bachelor Degree Thesis.
- Research.

Research Assistant

SEGi University

05/2016 - 11/2016

Kuala Lumpur, Malaysia

Achievements/Tasks

- Research on Signal Processing and Data Compression using Machine Learning Approach.

HONOR AWARDS

Most Inspiring Graduate (2008 - 2012) Given at graduation ceremony by the former President of Mozambique (His excellency Mr Armando Emilio Guebuza) and the former Chancellor of Lúrio University (Prof. Dr. Jorge Ferrão)

Universidade Lurio

2021, shortlisted as first place at "Consórcio de escolas de engenharias" of Science and Technology Foundation - PhD scholarships.

CONSÓRCIO DE ESCOLAS DE ENGENHARIA - FCT Portugal

- Eng³. Informática - CEE

SKILLS

Active Web development

JS, HTML, CSS, PHP

Java

Agile (Scrum)

Python

R

SQL

Linux

PostgreSQL/MySQL/MS SQL

AI

ML

Data Mining

GitHub

NLP

EDUCATION

Doctoral Program in Informatics Engineering

Faculty of Engineering of the University of Porto

09/2021 - Present

MASTER OF SCIENCE IN INFORMATION TECHNOLOGY -

SEGi University

04/2014 - 09/2016

Kuala Lumpur, Malaysia

Courses

- Educational Data Mining

CONFERENCES & COURSES

5th IEEE International Smart Cities Conference (ISC2 2019)

Paper

- "A Deep Convolutional Neural Network for classifying waste containers as full or not full" <http://10.1109/ISC246665.2019.9071746>

International Conference on Artificial Intelligence, Big Data, Computing and Data Communication Systems (icABCD) (2020)

Paper

- An Artificial Intelligence for Mancala' Variant Played in Mozambique - The Nxtuva Game

Business Data Science Summer School (2020)

Deep Learning Course at 2020 Business Data Science SummerSchool, Netherland,

- <https://businessdatascience.nl/deep-learning-summer-course>

AfricaNLP Workshop Strengthening African NLP. EACL (2021)

Paper

- Towards a parallel corpus of Portuguese and the Bantu language Emakhuwa of Mozambique <https://arxiv.org/abs/2104.05753>

Indabax - Mozambique (2021)

Deep Learning 1st Indabax Mozambique - Lurio University

- Presentation: Mozambican Languages in the panorama of Natural Language Processing <https://www.youtube.com/watch?v=DQN1FNSNRX0>