Blessing Itoro BASSEY

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EDUCATION

- **African Masters in Machine Intelligence (AMMI) /** Masters in Machine Intelligence
  October 2019 - Present, GHANA

- **African Institute for Mathematical Sciences (AIMS) /** Masters in Mathematical Sciences
  October 2018 - July 2019, CAMEROON

- **University of Ilorin** / B.Sc Mathematics
  September 2012 - July 2016, NIGERIA

PROJECTS

- **Statistical Methods for Predicting Prison Populations,** using the prison data as case study, I explored some statistical modelling techniques like regression, time series analysis as well as the stock flow model, to identify the need for future prison places, skills learned can be transferred to other tasks or datasets. .

- **EDA and Topic Modelling on Tweet Data:** An exploratory data analysis of tweets scraped online from Jan - Jun 2020. A technique called Topic Modelling was used to categorise tweets based on topics, with this, we know some of the trending remote jobs available within this period as a result of the pandemic.

- **Cassava Disease Classification:** The project involved classifying pictures of cassava leaves into 1 of 4 disease categories, this was an in house kaggle competition done as a team and my group TAB-Next came first .

- **Object Detection, Segmentation and Human Pose Estimation:** This was a computer vision project involving reproducing the Mask RCNN paper. The techniques used were instance segmentation and object detection, and the implementations were done using Detecron2.

- **Neural Machine Translation:** In order to help address some of the challenges faced by low resource languages in NLP, I am part of the open source project Masakhane, where I contributed to the translation of the English Bible to Efik and vice versa using the neural machine translation techniques. The paper is under review.

- For more details, code and report of the above projects and more, kindly visit my website, at the project section.

WORK EXPERIENCE

- **Proto AICX /** NLP Engineer
  Remotely. February 17 - Present

- **Fiverr.com /** Data Analyst
  World wide. April 2019 - Present

- **Integrated Data Services Limited** / Office Assistance
  Benin city, Nigeria. April 2017 - December 2017

- **Ministry of economic planning and budget, Lagos state bureau of statistics /** Statistician (Intern)
  Lagos, Nigeria. June 2015 - December 2015

- Nueromatch Academy / Teaching Assistance
  Online Summer school. July 6 - July 31, 2020

SKILLS

Programming & Frameworks: Python, R, PyTorch, SPSS, Numpy, Pandas, Scikit learn, etc.
Currently at AMMI : I am working on Dialogue Models, supervised by Antoine Bordes, a researcher at FAIR.