

- **A strategic data analyst** proven to analyze, optimize, and maximize business and governmental resources.
- **An analytical powerhouse** who leverages data visualization to communicate critical insights to non-technical users.
- **A complex problem solver** who evaluates organization performance and proposes recommendations to mitigate risk.

EDUCATION

Master of Science in Data Science, University of East London (**ONLINE**)

Data Analytics Certificate, CodeOp College of Technology, Barcelona, July 2021.

Focus: Anacondas- Jupyter Notebook, Visual Studio Code, Python, Machine Learning, Web Scraping, Natural Language Processing, SQL/No SQL, Dashboard.

Master of Philosophy, Energy Studies, University of Sierra Leone, Fourah Bay College.

Role: Research and Teaching Assistant, 01/2015-01/2020

Bachelor of Engineering (Honours), Mechanical Engineering University of Sierra Leone, Fourah Bay College.

PROJECT

- Natural Language Processing to develop a model for recognizing disaster tweets, using the support vector machine and confusion matrix to find accuracy of the model.
- The goal was for Emergency authorities to get an insight on the information given out on twitter and therefore build on the agile system of their network
- Visualize the percentage of infected population of the data of covid-19 from different part of the world
- Insight and recommendation for multiple datasets from open source website

SUMMARY OF SKILLS

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|----------------------|-----------------------|--------------------------|--------------|
| ▪ Data Analysis | ▪ Project Management | ▪ Python & its Libraries | ▪ JavaScript |
| ▪ Data Visualization | ▪ Agile Methodologies | ▪ GitHub | ▪ Power BI |
| ▪ Renewable Energy | ▪ Microsoft Excel | ▪ APIs | ▪ HTML |
| ▪ Research Methods | ▪ SQL/ No SQL | ▪ AI/ML | ▪ CSS |

PROFESSIONAL EXPERIENCE

MERAKI Analytics (SL) LTD
Co-Founder

Freetown, Sierra Leone
05/2021 – 03/2022

To provide technology and data management consultancy services to companies, government agencies, non-profits in the digital economy ecosystem in respect to:

- Providing support to clients (Companies, businesses, government institutions and non-profits) with data analytics for high-impact decision and problem solving; making use of cutting-edge tools and knowledge.
- Provision of services that address the skills gap-like bespoke professional courses for students as well as early and mid-career professionals and Executives.
- Ensuring the preparation of dataset for entry into a readable format that is free from error for clients.
- Depending on client demand, analyze using programming languages that can manipulate, explore and give visual representation of the dataset.
- Providing optimization that fits the train dataset for better decision making and policy development for government, charities/NGOs, private and public companies.
- Providing services in software development and installation and ensuring that we co-operate and advise on the necessary applications to achieve the best result possible.
- We analyze the datasets gathered for the Bloomberg Mayoral Challenge for the Freetown City Council using SPSS

Electricity Generation and Transmission Company
Board Director (Presidential Appointment)

Freetown, Sierra Leone
10/2018-01/2020

- Analyze and oversee company operations for the retail sale of electricity throughout the entire country.
- Support management by analyzing budget preparations in line with government mandates and business objectives.
- Facilitate cadence meetings and steering committees to identify key program insights and triage concerns.
- Reduced reported cases of fuel theft, leading to the generation of incremental company revenue.
- Collaborated with the Millennium Challenge Corporation Unit (MCCU) to review business plans and secure vehicles.

Women Inspired to Learn and Lead SL Ltd.**Freetown, Sierra Leone****Chief Executive Secretary****11/2015-01/2020**

- Contributed to the delivery of certification training for 100 women in Suburb Southern District of Sierra Leone.
- Worked closely with UNDP Small Grant Programme to fund the project via the Global Environment Facility Fund.
- Coordinated the organization of environmental initiatives such as tree planting events and mentorship opportunities.
- Engaged with young girls from secondary schools serving over 500 students to provide training and development.
- Processed 50+ invoices monthly, improving payment time 15% by accurately reconciling accounts.
- Project Manager

Addax Bioenergy SL Ltd. (Sunbird Bioenergy SL Ltd.)**Freetown, Sierra Leone****Engineer in Training****01/2014-01/2015**

- In-training attached to Backend/Mechanical Department, supervising the processing of sugar cane crushing.
- Supervised maintenance and analyzed effectiveness of equipment used in the plants such as shredders and conveyors.
- Checked, recorded, and monitored the temperature of gears and bearings with a temperature gauge.
- Inspected plant boilers and turbines, especially during production, fabricating spare parts in the workshop.

TRAINING**Project Management and Budget Preparation – CodeOp (2021)****Women in African Power Leadership Programme** (Power Africa, US Aid and YALI – South Africa) Oct 2018**Solar Installation and Development Training** (PRESSD-IBISS- Freetown) November 2017**Renewable Energy as a Catalyst for Regional Development** (MASHAV- Israel) May 2017**Africa Technology Summit** (MEST Nigeria and Silicon Valley) December 2016**Certificate of Participation in Tech Women Programme** (US State Department) Sept-Oct 2016**Solar Installation and Development Training** (PRESSD-IBISS) May- June 2016**Certificate of Participation in EIA Assessment & Small Hydropower Development** (UNIDO) May 2014; Oct 2013

VOLUNTEER**London, United Kingdom****Board Member** – Project 17. Facilitate strategic planning for this charity focused on ending destitution for migrant children - 2021- 2022