

Frederick Emile Bondzie-Arthur

P.O. BOX 1429, Axim Rd, Takoradi
frederickauthur@hotmail.com | +23276642388/+233558776612 | Frederick Emile (skype)

PERSONAL DATA

Data of Birth: 27TH APRIL,1994
Language: English, Fante, Twi
Citizenship: Ghanaian
Marital Status: Single

LINKS

Github:// **FrederickEmile**
LinkedIn:// **Emile Bondzie-Arthur**
Website:// **frederickemile**

SKILLS

PROGRAMMING LANGUAGE

Python & Jupyter Notebook/Labs, R,
SQL, Matlab & Simulink, LATEX

MACHINE LEARNING

Regression, K-Nearest Neighbors,
Classification

SOFTWARE & DBMS

MS SUITE, ADVANCED EXCEL,
PowerBI, MSSQL, MariaDB

SYSTEMS & OTHERS

Linux/ Unix, Windows, Networking
Systems Administration, Troubleshooting,
Software Installation & Testing

COURSEWORK

MPPDS

Querying Data with Transact-SQL
Analyzing and Visualizing Data
with PowerBI
Introduction to Python for Data Science
Analytics Storytelling for Impact
Ethics and Law in Data and Analytics
Introduction to Python for Data Science
Essential Math for Machine learning
Data Science Research Methods
Principle of Machine Learning
Implementing Predictive Analysis
with Spark in Azure HDInsight
Capstone

DSS[R]

Data Scientist's Toolbox
R Programming
Getting and Cleaning Data
Exploratory Data Analysis

UNDERGRADUATE

Computational Physics (MATLAB/Octave)
Algebra and Abstract Algebra
Calculus and Further Calculus
Probability and Statistics
Newtonian and Quantum Mechanics

SUMMARY

Business and Systems analysts with less than a year's experience. Seeking to increase data efficiency and make effective use of data in your institution. My skills include Machine learning, data cleaning, data visualization, business cases, project management and creative thinking.

EDUCATION

MICROSOFT PROFESSIONAL PROGRAM IN DATA SCIENCE - MPPDS

I2I - DATAHACK4FI.ORG - MICROSOFT

Nov. 2018 - Present

DATA SCIENCE SPECILIZATION [R]- DSS[R]

COURSERA - JOHN'S HOPKINS UNIVERSITY

Sep. 2017 - Jan. 2018

B.SC. PHYSICS

UNIVERSITY OF CAPE COAST

2013 - 2017 | Cape Coast, Ghana

GENERAL SCIENCE

EDINAMAN SENIOR HIGH SCHOOL

2011 - 2013| Elmina, Ghana

EXPERIENCE

I2I | DATAHACK4FI | DATA SCIENCE FELLOW

Nov 2018 - Present

FIDO MICROCREDIT LTD | BUSINESS AND SYSTEMS ANALYST

July 2018 - Present | Dzorwulu, Accra- Ghana

- Building Business Cases, forecasting, Predictive & Business Analytics.
- Data Cleansing, Analytics and Visualization using Excel, Google sheet, Microsoft Access and PowerBI and creating Database in Microsoft Access.
- Systems & Network Administration (Win., MikroTik & Edge OS ubiquity router).
- Testing apps and Documentation, Planning and Management of Projects using Confluence and JIRA.

ELECTRICITY COMPANY OF GHANA LTD. | NATIONAL SERVICE

Sep. 2017 – July. 2018 | Sekondi-Takoradi, Western- Ghana

- Designing of electrical network (HIGH VOLTAGE & LOW VOLTAGE).
- Raising/Appraising, Cost Estimation, Material Scheduling Supervision and Inspection of projects.
- Preparing of Cash transfers, contract documents and award letters of projects.
- Data collection of hourly BSP readings and Data Analysis using Excel.

UNIVERSITY OF CAPE COAST | THEORETICAL PHYSICS LAB | PHYSICS INTERN

May 2017 – August 2017 | Cape Coast, Ghana

- Worked on Numerical Methods, Computation & Simulations and Electronics using MATLAB & SIMULINK and Writing Physics articles using LATEX.
- Created a moisture sensor using ARDUINO with ARDUINO IDE.
- OS and Software installation (Ubuntu, Linux Mint & windows), troubleshooting (software OS) and System Administration (Win, Mac & Linux)

REFERENCE

AVAILABLE UPON REQUEST