

David Nartey

Email: davidnart90@gmail.com **Mobile:** (233) 55 168 7501

LinkedIn: <https://www.linkedin.com/in/david-nartey-bb9722179>

GitHub: <https://github.com/DavidNart90> **Website:** <https://davnart.netlify.app/>

Education

Kwame Nkrumah University of Science and Technology

Bachelors of Science, Statistics

September 2022

GPA 3.76 / 4.00

- (WES) Relevant courses: Applied Time Series, Stochastic Process, Mathematical Programming, Regression Analysis, Multivariate Data Analysis, Statistical Quality Control, Natural Language Processing, Operation Research, Introduction to Bayesian Analysis, PCA.
- Data Science Project: A comparative analysis of classification models in predicting customer churn.

Pope John Senior High and Minor Seminary

General Science Certificate (WASCE Certificate)

September 2015

Technical Skills

- Data Analysis – Excel, Tableau, R, Data Visualization, Python
- Machine Learning – Python, Scikit Learn, Flask, Postman, PCA, Clustering, Outlier Detection
- Front-End & Backend Development – HTML, CSS, Django, JavaScript, PyScript, Git, WordPress, Figma, Wix, Heroku
- IT Technical Support
- Research Analysis

Professional Experience

FloodGates Ltd

Accra, Ghana.

Software Engineer (Remote)

November 2022 – Present

- Lead a team of developers to build the company's startup website
- Implemented several Payment API integration system into Trustur – (company's app)
- Managed the registrations of new clients into Trustur – (company's app)

Ghana Water Company Ltd

Koforidua, Ghana.

Data Analyst / Commercial Assistant (Internship)

September 2021 – December 2021

- Improved efficiency and effectiveness of the water treatment process through a water treatment project
- Designed an optimized record keeping system for the office to maximize efficiency.
- Assisted in the distribution of water bills to customers.
- Analyzed monthly reports using advanced Excel spreadsheet functions.

King Jesus School

Koforidua, Ghana.

Basic School Teacher (Volunteer)

January 2023 – April 2023

- Information Technology Tutor and IT lab Consultant
- Grade Six and Mathematics Tutor

Freelancer*Data Science Research Consultant*

January 2020 - Present

- Data Science Blogger with research article - <https://link.medium.com/gBG97o7NZwb>
- Data Science Research Consultant
- Conducted financial projection research for Intrepid Marketing Solutions, a digital marketing startup company in Maryland

Personal Projects and Research Work

Bank Churn Prediction Model*Final Year Research (89% - Score)*

June 2022 – September 2022

A comparative analysis of classification models in predicting churn in the banking sector, designed from a banking dataset to predict the probability at which a customer will leave the bank with an accuracy of 87%.

Personal Project Research Work

August 2022 – Present

- Developed a Random Forest model able to detect the early stages of diabetes with an accuracy of 83%
- Conducted an in-depth analysis of the Maryland crime database from 2017 – 2022 using EDA
- A Logistic regression model to predict costumers' approval of San Francisco airport (SFO) based on 2012 passenger survey data
- AirBnB House Pricing prediction model
- Boston House Pricing prediction model with XGBOOST: 91% accuracy
- Costumer Segmentation using K-Means Clustering

Certifications

- AWS Machine Learning Foundations 2022; Udacity NOVEMBER 2022
- IBM Python for Data Science Certification MAY 2022
- Machine Learning A-Z™: Hands-On Python & R In Data Science; Udemy JANUARY 2022
- Data Science and Artificial Intelligence; Shape AI NOVEMBER 2021
- Machine Learning A-Z™: Hands-On Python & R In Data Science; Udemy JANUARY 2022