

Kelvin Odartey Wellington

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PROFILE

Data-driven professional with specialties and interests in Machine Learning, Artificial Intelligence, Statistical Modelling, Data Mining and Data Visualization having seven (7) years of experience in various roles centered around these disciplines. Possess expertise in crafting and implementing Data Strategy and Data Monetization strategies to ensure organizations are well positioned to realize data value.

TECHNICAL SKILLS

Skills and Interests: Machine Learning, Statistical Modelling, Data Mining, Data Analysis
Technologies: R, Python, SQL, MATLAB, Java, JavaScript
BI/Visualization: Power BI, Tableau, QlikView

EDUCATION

Sep 2016 – Dec 2017

University of Southampton, UK MSc Data Science

This one-year MSc Data Science degree prepares students to become proficient data scientists, building core areas of expertise, from the ability to operate high-performance computing clusters and cloud-based infrastructures, to devising and applying sophisticated Big Data analytics techniques.

- **Relevant Courses:**

Machine Learning | Computational Finance | Data Visualization
Data Mining | Statistical Modelling | Foundations of Data Science

- **Relevant Projects:**

- Analysing Ranking Distributions in Sports Data using R and Python
- Predicting Movie Box Office Gross Using Gradient Boosting Trees
- Web tool for analyzing possible relationship between stock price trends for food chain restaurants and Twitter sentiment towards them.

Sep 2010 – Jun 2014

Ashesi University College, Ghana BSc Computer Science

The Computer Science program at Ashesi focuses teaches students the specifics of software design and programming. Students acquire skills needed to design and manage information systems, and to develop customized software and electronic media solutions.

- **Relevant Courses:**

Web Technologies | Software Engineering | Quantitative Methods
Statistics | Data Structures & Algorithms | Programming Design
Database Management

- **Relevant Projects:**

- *AshRate* – a web application that rates and evaluates books in the Ashesi University Library to aid both students and faculty make informed decisions when selecting books to use.
- Developed the Administrative Interface of the first phase of a tour guide robot for the Ashesi University campus using a *Kobuki* turtlebot.

WORK EXPERIENCE

Apr 2020 – present

Manager - Data Science, Stanbic Bank Ghana

- Lead a team of data scientists and analysts to develop data solutions for optimizing business processes and improving client experience.
- Lead strategic efforts in identifying and tracking opportunities for Data Monetization across the organization
- Provide domain-specific advice and action-based insights to the Chief Data Officer for strategy execution.

Feb 2023 – present

Data Analytics Mentor, CareerFoundry (Remote, Germany)

- Guide students through Data Analytics program to master the necessary technical (Excel, Python, Tableau, SQL) and soft skills.
- Hold 1:1 sessions to help prepare students entry into their new industry or use new skills into their current profile
- Suggest supplemental learning materials and personal insights in areas where students are struggling.

Oct 2018 – Mar 2020

Data Scientist, Stanbic Bank Ghana

- Led the development of an NLP-based Personal Finance Manager that provides customers an intelligent classification of monthly expenses.
- Built an R-based Market Basket Analysis model to identify opportunities for cross-selling products to customers.
- Applied supervised ensemble techniques to classify customers based on propensity to churn for effective customer retention.

May 2018 – Feb 2019

School of Data Fellow, Open Knowledge Foundation (UK)

- Facilitated workshops in Accra, Ghana and Nairobi, Kenya to introduce data journalists to the Data Pipeline and its applications.
- Led a series of workshops with civil society organizations interested in the extractives sector to build awareness about extractives data.
- Created data skills learning content targeted at CSOs and journalists

Jan – Sept 2016

Data Analyst/User Experience Researcher, The Cobalt Partners (Ghana)

- Led a team that laid out user research-backed strategies to aid Uber's entry into the Ghanaian market.
- Conducted user research, collected, and analyzed data to measure performance of Star Oil Ghana to improve services.

Jul 2014 – May 2016

Teaching Assistant (Computer Science), Ashesi University College

- Supported running of Programming, Cryptography and Design classes
- Guided students through material in lab sessions and tutorials.
- Prepared the first version of a standard guidance brief for final year students in writing Capstone projects.

ACHIEVEMENTS /AWARDS

- Beyond Excellence Award, Stanbic Bank – Delivery of key analytics during the COVID-19 lockdown
- Nominee, Stanbic Bank Mark of Excellence Award (2021) – Sterling performance in previous year
- Development of first 'Customer Data Product' in Africa Regions, Standard Bank Group
- 2nd Place, Malawi Floods Data Visualization competition – Zindi/ARM/UNICEF

REFERENCES

Available upon request