

REGINA OFORI-BOATENG

P.O. BOX TA 138, Accra-Ghana, Phone: +233200195405

Email: rofori-boateng@st.ug.edu.gh, Github URL: <https://github.com/reginaofori>

LinkedIn URL: <https://www.linkedin.com/in/regina-ofori-boateng-4437bb1a7/>

PERSONAL PROFILE STATEMENT

A research, data science, artificial intelligence enthusiast aiming to apply concepts from these field to improve human life. An optimist targeting to impact lives positively having love, respect, determination, integrity as my core values.

EDUCATION

Data Camp Professional Course

[Jan 2021-Apr 2021]

Programme: Machine Learning for everyone

Relevant Course: Data Science with Python, Statistical Thinking, Supervised Learning with scikit-learn, Unsupervised Learning, Machine Learning Fundamentals, Linear Classifiers, Tree – based Models, Image Processing. Feature Engineering, Natural Language Processing, Deep Learning.

University of Ghana, Legon

[Sep 2016-Jul 2020]

Programme: Bachelor of Science, Biomedical Engineering

Level: Undergraduate

Class: Second Class Uppers Division (3.46)

Relevant Courses: Thermodynamics, Fluid Mechanics, Statistics and Probability, Medical Imaging, Bioinstrumentation, Numerical Methods, Calculus I & II, Algebra, Differential equation, Basic Mechanics, Biomechanics, Thermodynamics, Fluid Mechanics, C programming, Engineering drawing with Computer Aided Design, MATLAB, Excel, Technical Report Writing, Professional Development Studies, Applied Electricity, Basic Electronics.

Udacity

[Mar 2020- 2020]

Programme: Programming for Data Science with Python Nanodegree

Relevant Courses: Introduction to SQL, Introduction to Python for machine learning,

Introduction to Version Control, Tableau, Spreadsheet, Descriptive Statistics

WORK EXPERIENCE / INTERNSHIPS

- Working as a Research/Teaching Assistant for physics, medical imaging, calculus and at the Biomedical Engineering Department of the University of Ghana [Sep 2020-Present]
- Junior Data Scientist at Kdaglo, a Data Science Company, applying statistical concepts in R and Python to solve real-life problems. The current solution I have assisted is a health technology called BRISK (<https://kdalgo.tech/brisk/>) [Dec 2020-Present]
- Health Machine Learning Trainee at MedTourEasy, 4 weeks [Jan -Feb 2021]
- Artificial Intelligence Trainee at Runmila AI Institute, [Jan - May 2021]
- Cloud Practitioner at Azubi Africa AWS, 12 weeks [Oct 2020-Feb2021]
- Interned at Global Hash Analytics, USA as a data analytic, 4 weeks [Nov-Dec 2020]
- Data Science Trainee at Npontu Technologies, 6 weeks [Aug-Oct 2020]
- Deep Learning Trainee at Analitica Innovare, 6 weeks [Jun - Jul 2020]
- Trainee at Global Code as a programmer, 3 weeks [Jul - Jul 2019]
- Interned at Nougochi Memorial Institute for Medical Research (NMIMR) as an informatics researcher, 6 weeks [Jun-Jul 2018]

SKILLS AND INTEREST

- Loves to help humanity and see smiles on the faces of people.
- Loves programming and research.
- Computer skills- – Proficient in Microsoft Word, PowerPoint, Excel, Python, SQL, Medical Imaging with Tensorflow, OpenCV and Sklearn; Git and GitHub, Tableau Linux, Deep Learning, Natural Language Processing, Keras,Pytorch, pandas, Computer Vision, Tableau, Power BI, MATLAB, C language
- Languages – English

PROJECTS/AWARDS

- Assisting in a research paper in “*The Use of Data Analytics in Diabetics*” based on a health technology called BRISK(<https://kdalgo.tech/brisk/>) [Apr 2021- Present]
- Assisting in a research project on “*Using Computer Vision for Early Detection of Autism in Africa*” [Mar 2021-Present]
- Assisted in graduate research thesis on “*Mobile Money Fraud detection Application using Deep Learning Neural Network*” [Jul- Dec 2020]

- Built an image identifier system using CNN and Transfer Learning **[Aug- Oct 2020]**
- Built a sentiment Analyzer system for product review **[Sep 2020]**
- Built a categorization engine with other team members to classify a large dataset into categories when interning at Npontu Technologies **[Aug-Oct 2020]**
- Partook in a research study on using “Deep Learning against Schistosomiasis” at the NMIMR informatic centre **[Jun -Jul 2018]**
- Acknowledge thrice on the Dean’s List of Honors **[Mar 2016, 2020]**
- Awarded the overall best Science student in St. Rose’s Senior High School Feb 2015
- Awarded best Chemistry students in St. Rose’s Senior High School**[Feb 2015]**
- Awarded the overall best student in JHS, Shalom School Complex **[Mar 2013]**

EXTRA CURRICULAR ACTIVITIES

- Class President/Representative for two Semesters **[Feb 2019]**
- John Wesley Club President, a club aiming to teach children about God, sex-related transmitted diseases, personal hygiene, social interaction and how they can build their self-esteem **[Aug 2019-Aug2020]**
- Hall president of Mensah Sarbah Hall in University of Ghana **[Apr 2018 -Apr2019]**

VOLUNTEERING ACTIVITIES

- Volunteer at Techwoman100 mentoring and helping women across Ghana to appreciate STEM **[Dec 2020-Mar2021]**
- Organizing a free basic IT classes for children and adults **[Sep 2020-Mar2021]**
- Established John Wesley Club in three basic schools together with other six team members **[Nov 2019]**
- Partook in a Vacation Bible School to teach over 500 children from 3 to 15 years in Eastern Region, Ghana **[Aug 2018,2019]**
- Partook in a classes organized to teach children from primary to JHS C programming language and python **[Oct 2019 ,2020]**
- Tutored Chemistry, Physics and Elective Maths for SHS students **[July 2017]**