Faisal Aduko Wahabu

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Faisaladuko.github.io

EDUCATION

Ashesi University	**Ghana**
Electrical and Electronic Engineering	**Aug. 2017 - May 2021**

Relevant Courses Taken: AWS Cloud DevOps Nano Degree, Neural Networks and Deep Learning, Data Science, Applied Computer Programming for Engineers (Python), Programming for Engineers (Mat Lab), Statistics for Engineers, System Dynamics, Embedded Systems, Computer Networks and Data Communication, Control Systems, Leadership for Engineers, Project Management, Introductory French etcetera.

ACHIEVEMENTS AND AWARDS

Scholar, **The MasterCard Foundation Scholars Program Scholarship –** Ashesi University	**2017 – 2021**
Dean's List (GPA of 3.5 and above) **–** Ashesi University	**2018 – 2019**
Participant, 2016 Edition of the National Math and Science Quiz	**2016**
Overall Consecutive Best student, Navrongo Senior High	**2016**
Overall Best in B.E.C.E. Exams, Bongo District	**2013**

TECHNICAL SKILLS

Languages: Python (85%), Pandas (88%), MATLAB (82%), R (80%), SQL (75%), JavaScript (75%), C (70%)
Tools: Git, TensorFlow, Circle CI, Dbeaver, AWS, Tableau, Unity,

WORK EXPERIENCES

General Electric – Accra, Ghana	**Jun. 2022 – Present**
Digital Technology Analyst	

- Develop automation tools for data integration
- Develop and maintain python models for GE Gas Power PNL360 software solution
- Develop and maintain analytics dashboards, and drive user adoption of existing software solutions
- Learn and contribute to projects and Hackathons under the AI & Machine Learning Guild program
- Manages GE's AI Language Translate Software for the SSA region

Aya Data – Ghana	**July 2021 – Jun. 2022**
Data Specialist	

- Preprocess data for Machine Learning projects
- Conduct Quality Assurance test on data
- Prepare Proof of Concept on relevant Computer Vision use cases

Green Honey Company Limited – Ghana	**Jun. 2020 – Aug. 2020**
Remote Intern	

- Worked as a frontend web developer
- Developed data presentation and Analytics models

Warren Library, Ashesi University – Ghana	**Sept. 2020 – Dec. 2020**
Work Study	

- Helped in cataloging and safeguarding books and electronic devices
- Helped Ensured students' needs were met in the library

Mesika Limited – Accra, Ghana	**July 2019 – Aug. 2019**
Summer Intern	

- Worked as a network administrator, improving the network architecture and efficiency in the company
- Helped in monitoring the servers' sites of client companies

UNDERGRADUATE RESEARCH

- Combined Visual-Based Localization with Received Signal Strength Indicator for an Augmented Reality Indoor Navigation Application. Explored Bayesian Filters for Sensor Fusion. Incorporated multiuser experience where an indoor space is scanned for its visual & RSSI landmarks, and this data is stored in firebase and it's retrievable for all other users within the same space for navigation. Link
- Worked on using historical fetal data to build An ML model that predicts fetal health to reduce child and maternal mortality rates. Link
- Flexible Integrated Circuit Board Made from Graphene. We envisioned the use of Graphene as the substrate of Printed Circuit Boards (PCB) due to Graphene's high conductivity and flexible properties.

LEADERSHIP ENGAGEMENTS

Research Lead, **Sankofa Fellowship, Ashesi University**	**Aug. 2019 – April 2021**
President, **Ashesi Muslim Community**	**Jan 2020 – April 2021**
Tutor And mentor, **Bowney Initiative, Ashesi University**	**Jan. 2017 - 2020**
Ashesi Robotics Experience, **Ashesi University**	**2017 - 2018**
A Member of the Red Cross Society, **Navrongo Senior High**	**2015 – 2016**

REFERENCE
* GitHub: LINK
* LinkedIn: LINK
* BECE – Basic Education Certificate Examination
* RSSI – Received Signal Strength Indicator
* Kofi Labi-Adu – klabi@ashesi.edu.gh