Kwame Boakye-Yiadom

Enthused Mechanical Engineer with competencies in Data Analysis, Web App Creation and Chinese Language. Certified in Python for Data Science and AI. Demonstrated excellent skills in Microsoft Office, Pandas, Mathplotlib, Seaborn and Streamlit. True team player with strengths in adaptability and accuracy.

Contact

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Skills

Data Analysis, Cleaning and Manipulation.

Python Software Proficiency.

Microsoft PowerPoint, Excel and Word.

Web App Creation Using Streamlit.

Problem Solving Skills.

Good Communication Skills.

Software

Python

Microsoft office

Pandas, Numpy, Matplotlib, Seaborn and Streamlit.

Work History

2018-01 - 2018-05

Engineering Intern

Zhejiang Bou New Energy Technology Company Ltd., Yueqing- Wenzhou, Zhejiang

- Worked on design of cooling system of Off-Grid Inverters, Pure Sine Wave Inverters and MPPT Solar Charge Controller. This involved engineering calculations, design drawings, preliminary cost estimates and selection of the right material.
- Worked in the sales department. As a sales person Microsoft excel and Pandas was used to perform examination of the buying pattern of customers which helps increase sales.

2017-11 - 2018-01

Engineering Intern

Huayi Electric Co. LTD Yueqing, Wenzhou - China , Wenzhou, Zhejiang

- Development and assembly of 10-20 switches and circuit breakers per day as an intern.

2015-06 - 2015-09

Intern

Yalong Group Wenzhou - China, Wenzhou-China, Zhejiang Province

- Worked on assembly of 10 -20 circuit boards per day.
- Helped in sales department for international orders and assistance. I was tasked with communicating with international clients and answering 10 calls per week. This led to increment in number of international clients.

Languages

English Language

Chinese Mandarin

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Education

2018-10 - 2022-01

Master of Science: Mechanical Engineering

Wezhou University - Wenzhou China

- Thesis: Study on the influence of laser welding parameters on the weld geometry and microstructure of Duplex Stainless Steel.
- Received Wenzhou Presidential scholarship from 2018 until program completion.
- Professional development completed in Python language, Pandas, Streamlit, Numpy, Matplotlib and Seaborn

2014-09 - 2018-06

Bachelor of Science: Mechanical Engineering

Wenzhou University - Wenzhou-China

- Thesis: Design of the cooling system of an off -grid solar inverter
- Professional development completed in C programming, Solidworks, Ansys
- Received Zhejiang Provincial Scholarship(2016), Wenzhou Univeristy Presidential Scholarship(2015,2017)
- Elected Captain of Wenzhou University football team

2009-09 - 2013-05

High School Diploma

Opoku Ware School - Kumasi-Ghana

- Member of Web Club

Accomplishments

- Web scrapped my friends business page to gather all her product names and prices and stored it in an excel file and further analyzed it.
- Used Streamlit to create a web app that stores NBA player stats from 1960 to 2021 visualized and deployed it.
- Used streamlit to create a web app that monitors COVID-19 cases and vaccines taken per country, visualized and deployed it.