Nathaniel Afrifah-Adae Basildon, Essex

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Professional Summary

As a candidate who has transitioned from mechanical engineering to now data, I've carried my transferrable skills with me. I love using Python & SQL to analyse data trends. My love for sports makes it easy to understand collaboration and succeeding in smaller roles as part of a bigger project. With previous experience in Concessions, I have demonstrated leadership achieving outstanding results wherever I've been. I am more than ready to contribute to success.

Looking to begin work with no notice period in an analyst or engineer role, open to remote or hybrid working.

Technical Skills

Programming Languages: Python, SQL, JavaScript

Coding Languages: HTML, CSS

DevOps Technologies: GitHub, PowerBI

Other: Microsoft Excel, Visual Studio, Netlify, Canva

Technical Projects

Olympics 2024 Basketball database

- Utilised MySQL to explore trends and insights within the Team USA Gold Medal squad
- Showed proficient use of CRUD functions to ensure good database management
- Will also look to integrate Tableau and other tools for data visualisation

Weather application

- Interactive weather application built with HTML5, CSS3 and JavaScript
- Weather API integration to allow accurate, up to date results
- Users receive precise results with search engine (user experience)
- Open-source code found on GitHub

Personal portfolio

- Responsive across devices improving user experience with React & advanced JavaScript (ES6+)
- Canva used to layout & present projects
- Built with HTML5, styled with CSS3
- Open-source code found on GitHub, uploaded via Netlify

Education

Level 3 Software Development, Just IT   **2023**

- Excelled brightly to complete intensive skills programme
- Confident Full Stack developer, with knowledge in both front-end and back-end web development
- Sharpened front-end skills with daily use of HTML5, CSS3 & JavaScript
- Confidence to explore React.js for further growth in building user interfaces
- Combined Python & SQL to interact between tables and databases
- Understood main phases of software development lifecycle (SDLC) & methodologies
- Demonstrated attention-to-detail using Figma to produce modern UI and efficient UX
- Experience collaborating on open-source code projects, and Version Control with Git/GitHub

Mechanical Engineering, Aston University   **2020-2023**

- Pursued Bachelor of Engineering in Mechanical Engineering
- Demonstrated principles of engineering and the power of collaboration
- Worked on group projects including building a wooden go-kart, taking into account force, stress, material properties and aerodynamics
- Outlook into thermodynamics and the effect heat, work, energy and temperature has on its surroundings
- Used computer simulations to analyse and predict impact on structures

GCSE & A-Level, Holy Family Catholic School   **2012-2020**

- 10/10 A*-C GCSE inc. English (8), Maths (7), Physics (A) & Chemistry (A)
- 3 A*-D A Level in Maths, Physics and Psychology
- Leader of Boys' Football Team from Years 11-13

Certification

JustIT's *Skills Bootcamp in Software Development* completed December 2023

freeCodeCamp's *Responsive Web Design* completed May 2024

Currently working on Codecademy's *Business Intelligence (BI) Data Analyst* started August 2024

Experience

Customer Service Manager, Ladbrokes Coral Group Ltd   **2022-2023**

- Utilized PowerBI to analyse data and track trends in customer spending, fraud, and KPI performance
- Communicated findings with higher ups and outlined future points of action
- Proficient in Excel and Google Sheets for visualizing data effectually
- Expertise in Omnia resulted in a 43% improvement in customer runtime by accurately handling daily transfers of significant amounts
- Implemented Safer Gambling measures to ensure client and customer protection
- Maintained FOBT operating systems for gaming machines

Part-time Concessions Waiter, Wembley Stadium   **2018-2022**

- Displayed great leadership and concise communication to staff team to secure Top 2 ranking in Shop of the Year at Wembley Stadium, chosen by season-ticket holders
- Maintained composure and showcased high-level time management skills during pressure events like *EURO 2020 FINAL, FA CUP FINAL 2018 & NFL FOOTBALL EVENTS*
- Delivered exceptional service while fostering positive employee interactions