AbdulMatin Alayande-Nuhu

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PROFILE

Computer programming student seeking a four-month paid co-op to apply technical skills, gain hands-on experience, and contribute to innovative projects in a dynamic team. Passionate about coding and problem-solving, eager to collaborate with industry professionals, and further develop expertise in software development. Excited to apply classroom knowledge to practical applications, learn from experienced mentors, and make meaningful contributions to cutting-edge projects.

HIGHLIGHTS OF QUALIFICATIONS

- Ability to analyse systems, troubleshoot issues, and develop solutions to ensure functional requirements are met.
- Able to manage my time effectively, prioritise tasks and objectives.
- Strong communication skills, written and verbal.
- Familiar with computer hardware configuration, printers, and network concepts.
- Ability to conduct systems analysis, identify requirements, and perform exploratory data analysis to derive insights and inform decision-making.
- Proficient in HTML, CSS, JavaScript, and C# with hands-on experience.
- Work well independently and as a member of a team.
- Able to work flexible hours to accommodate business needs (on-site, hybrid or remote)
- Experience with C++, content management systems and scripting languages.

EDUCATION & QUALIFICATIONS

Computer programming co-op diploma, Georgian College, Barrie, ON (in progress)

HTML, CSS, AND Java Script fundamentals (A), programming fundamentals (A), Networking essentials (A), Internet of things using Arduino (A), Web programming (A), Math for the computer industry (A)

Jan 2024 to Jan 2025

Master's degree in energy management, Robert Gordon University, Aberdeen, Scotland

Operations management (B), Strategic risk management (B)   Sep 2020 to Dec 2021

Bachelor's degree in petroleum engineering, Nile University, Abuja, Nigeria

Introduction to computer science (A), problem solving and algorithms (B)   Oct 2013 to Feb 2019

WORK EXPERIENCE

Data Scientist | Rework Technologies   Jan 2022 to Jan 2024

Rework Technologies is a data analysis startup specialising in client-driven analytics solutions while concurrently offering boot camps to train individuals in data analysis and related skills.

- Conducted in-depth exploratory analysis on program operations, identifying and resolving functional issues to meet project requirements.
- Developed program components within a Linux environment, contributing to data processing and analysis tools.
- Documented code and data processes to support future maintenance and updates.
- Streamlined documentation processes, improving project efficiency, and facilitating future maintenance efforts.
- Provided training and support to team members on data tools and methodologies, fostering collaboration.
- Developed interactive data visualisation dashboards using python and data visualization libraries, facilitating effective communication of key metrics to stakeholders.

Marketing / Data Analyst | Black Tiger Security Service   Jan 2021 to Jan 2022

Black Tiger security service offers comprehensive security solutions, including training programs, security personnel, and surveillance devices, to safeguard clients´ assets and ensure their peace of mind.

- Supported website development using HTML, CSS, and JavaScript to improve user experience and
- Troubleshot program operations and data analysis processes to ensure functional requirements were met and optimised performance.
- Automated data cleaning processes to improve efficiency and accuracy in analysis.

IT Support Engineer | British Red Cross   Jan 2020 to Jan 2021

British Red Cross is a humanitarian organisation dedicated to providing emergency assistance, disaster relief, and community support services to those in need across the United Kingdom and around the world.

- Developed an advanced merchandise and performance tracking system using Excel to enhance operational efficiency.
- Utilised Microsoft Office tools to generate weekly progress reports for activities.
- Performed meticulous entry and upkeep of information in computer systems and databases to ensure data integrity and organisational standards.
- Provided application support and training for team members, improving overall system reliability and user experience.

ADDITIONAL INFORMATION

Languages – English

Technical skills

- Programming languages: HTML, CSS, JavaScript, C#, Python, C++, PHP, SQL

- Tools and Environments: Git, GitHub, VS code, Jupiter Notebook, Linux

- Software: Microsoft Office (Word, Excel, PowerPoint), MySQL, MongoDB, Azure

PROJECTS

Name of project: Nintendo Vault

- **Description**: created a nostalgic, informative website dedicated to the Nintendo 64, showcasing its history.

- **Technology used**: HTML, CSS JavaScript, GitHub, Azure for web hosting

- **Challenges overcome**: ensured design consistency, organised extensive content, added interactivity, maintained cross-browser compatibility, and deployed on Azure

- **Result:** a polished, engaging website that effectively highlights the Nintendo 64, offering a nostalgic and educational experience

Name of project: Covid-19 Patient Prioritisation System

- **Description**: designed a data-driven system to prioritise COVID-19 patients based on a symptom severity and underlying health conditions.

- **Technology used**: python for data analysis and machine learning. Implemented front-end using HTML, CSS, JavaScript and SQL, Flask for back-end.

- **Challenges overcome**: managed diverse data sources, ensuring accuracy. Implemented dynamic machine learning algorithms.

- **Result:** developed a prototype system for accurate patient prioritisation, showcasing expertise in data science and web development.