Mike Thomas

Email: kudath@yahoo.co.uk

Mobile Phone: +447910913807

Location: Cranbrook

LinkedIn: linkedin.com/in/mike-thomas-4a4b84287

Portfolio: mikemupararano.github.io/react-portfolio/

GitHub: github.com/Mikemupararano

Objective:

Dedicated Data Scientist and Web Developer with a passion for leveraging data-driven insights to develop interactive and user-friendly web applications. Seeking a challenging role where I can apply my expertise in data analysis, machine learning, and web development to drive innovation and solve complex problems.

Education:

University of Varona-Cuba:

Degree in Physics, Mathematics & Computer Studies

University of Law:

Master of Science in Human Resources & Leadership

Thesis/Dissertation: Can a bottom-up management approach influence the establishment of a PERMA-based model of well-being in secondary school education? A case study based on Bethany

University of Zimbabwe-Harare

Master of Science in Renewable Energy Technologies

Thesis/Dissertation: Mathematical modelling of thin-layer solar drying of sweet potato slices

Skills:

Data Science:

Data Analysis and Visualization: Python (NumPy, pandas, Matplotlib, Seaborn)

Statistical Analysis: Hypothesis testing, regression analysis, time series analysis

Data Manipulation: SQL, data preprocessing, feature engineering

Data Visualization: Power BI, Chart.js

Maths for Data Science

Web Development:

Front-end Development: HTML5, CSS3, JavaScript, Bootstrap, API, Day.js, JQuery

Version Control: Git, GitHub

React Js

Certifications:

Front-end web development course (graduated on 30th March 2024) - edX

Data Science Course (ongoing 11th March 2024 - 30th June 2024)

Professional Experience:

Physics Teacher & Head of Science

Bethany School, Cranbrook, TN17 1LB

Month 2003 - Present

Directed and managed the delivery of science curriculum, ensuring alignment with educational standards.

Facilitated the appointment of new science staff and managed their induction process, fostering a cohesive team environment.

Prepared and managed the science department handbook, ensuring accuracy and accessibility of departmental guidelines.

Evaluated all exam results within the department annually, providing insights for continuous improvement strategies.

Taught A-level Physics and GCSE Physics, Biology, and Chemistry, employing engaging instructional techniques.

Developed and maintained departmental schemes of work, ensuring relevance and effectiveness.

Utilised CEM data to set appropriate targets for science pupils, enhancing academic performance.

Managed the Science department budget, optimising resource allocation and cost-effectiveness.

Supervised and supported STEM initiatives in national competitions, fostering students' interest in science and technology.

Moderated KS4 and KS5 coursework, ensuring fairness and consistency in assessment practices.

Organised and chaired regular science department meetings, facilitating collaboration and communication among staff.

Conducted science department staff reviews, providing feedback and guidance for professional development.

Organised school trips within the UK, enriching students' educational experiences beyond the classroom.

Projects:

Completed various projects utilising Python, Matplotlib, HTML, CSS, JavaScript, and Bootstrap.

Graduated from a front-end development course on 30th March 2024.

See my GitHub portfolio for project details.

Languages:

 English (Fluent)

Spanish (Additional Languages)