Oluwawemimo Fatoki

Mathematics Specialist | AI Prompt Engineer | Advanced Data Analyst | Machine Learning Pro | Python Expert | Statistical Math Modeler

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Professional Summary

Wemimo is an experienced mathematician and prompt engineering specialist with more than six years of expertise in artificial intelligence and computational mathematics. Proficient in Python, R, MATLAB, and Julia, she focuses on predictive analytics, simulation modeling, and crafting tailored prompts for advanced AI systems.

Experience

Stockton
Remote

Mathematical Engineer

02/2024 - Present

As a Mathematics Engineer at Stockton, I designed and optimized advanced frameworks leveraging state-of-the-art natural language processing techniques and AI models. My efforts were directed toward enhancing output accuracy and ensuring the robustness of computational systems.

Ivy Tech
Remote

AI Prompt Engineer

06/2022 - 12/2023

As a Prompt Engineer at Ivy Tech, I craft and optimize advanced prompts to improve AI accuracy and reliability. Using expertise in natural language processing, I enhance large-scale systems for efficiency, innovation, and practical real-world applications.

Webtures
Remote

Machine Learning Trainer

05/2021 - 06/2023

As a Machine Learning Trainer at Webtures in the UK, I deliver training programs on advanced machine learning techniques, focusing on practical applications and innovation. My work empowers professionals to build and optimize intelligent systems effectively.

Spectrum IT
Remote

Quantitative Analyst

03/2019 - 08/2022

As a Quantitative Analyst at Spectrum IT, I apply advanced data modeling and algorithmic techniques to develop innovative solutions, enhancing risk management strategies and optimizing operational efficiency.

Education

University of Sussex

M.Sc Mathematics

06/2020 - 07/2022

M.Sc in Mathematics

University of Sussex

B.Sc Mathematics

09/2012 - 07/2016

B.Sc in Mathematics

IBM
Remote

Numerical Linear Algebra

03/2021 - 08/2022

This credential earner demonstrates expertise in Numerical Linear Algebra through IBM, showcasing skills in designing and analyzing advanced mathematical models, solving complex real-world problems, and leveraging computational tools like MATLAB and Python for efficient simulations.

Skills

- Mathematical Modeling
- Python
- Java
- Swift
- Artificial Intelligence (AI)
- Data Analytics
- Deep Learning Framework
- Machine Learning
- Statistical Analysis and Inference
- Mathematical Modeling
- Machine Learning Algorithms
- JavaScript
- Natural Language Processing (NLP)
- Big Data
- Node
- HTML5
- PostgreSQL
- Prompt Design and Optimization
- Data Analysis and Visualization

Courses

Advanced Mathematics for Machine Learning

Coursera   *05/2022 - 12/2022*

Mathematical Foundations of Data Science

Udemy   *07/2023 - 10/2023*

Activities

TopCoder   **remote**

TechHub   *07/2023 - 12/2023*

Participate in math or AI-focused hackathons (e.g., **Topcoder Competitions**, **MathWorks Challenges**) to solve real-world problems.

Hobbies

Math modeling, Coding, and Research.

Languages

English
Native Speaker