Victor Ikechukwu

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Objective

Results-driven Petroleum Engineer with expertise in Machine Learning, AI Engineering, and Data Analytics. Passionate about leveraging AI-driven insights for problem-solving in engineering, healthcare, and finance. Proficient in building and deploying scalable ML models, automation solutions, and predictive analytics tools. Seeking opportunities in AI, Data Science, or Petroleum Engineering to drive innovation and efficiency.

Experience

- **VIKTHORE** 01/2024 - Present
  AI Engineer/CEO
  -Developed and deployed AI-powered applications for business and academia, including chatbots and predictive models.
  - Implemented machine learning pipelines using Python, TensorFlow, and FastAPI, improving automation by 30%.
  - Built custom NLP models for sentiment analysis and text generation, reducing manual work by 40%.

- **Tenaris** 01/2024 - 06/2024
  Field Operations Intern
  - Assisted in data collection and process optimization at the pipe coating facility.
  - Worked on quality assurance and process automation, identifying 10% efficiency improvements in coating procedures.
  - Used Excel and Python for data analysis to improve production workflow.

- **U-Studa** 03/2023 - 11/2023
  Engineering Mathematics/Fluid Mechanics Tutor
  Taught engineering mathematics and fluid mechanics, helping students improve grades by 15% on average.
  - Created interactive learning materials using Python and Jupyter Notebooks.

- **Precious Blooms Christian High School** 02/2022 - 09/2022
  Mathematics and Science Teacher
  Taught Mathematics and Physics, designing custom lesson plans for improved engagement.
  - Integrated Python-based simulations to simplify complex physics concepts.

Education

- **Federal University of Technology Owerri** 2024
  Petroleum Engineering / B.Eng
  Second Class Honors (Upper Division)

Skills

- Programming & Data Science: - Python, SQL, MATLAB - Machine Learning (Scikit-Learn, TensorFlow, PyTorch) - Data Analysis (Pandas, NumPy, Matplotlib, Seaborn) - AI Deployment (FastAPI, Flask, Streamlit)
- AI & Engineering Applications: - Natural Language Processing (NLP) - Predictive Modeling & Data Visualization - Petroleum Engineering Optimization - Schlumberger Eclipse Simulations - Health, Safety and Environment
- Soft Skills: - Leadership & Team Collaboration - Report Writing & Technical Documentation - Public Speaking

Projects

- **Link to my GitHub Repositories and Portfolio Website**
  https://github.com/Vikthore
  https://vikthore.github.io

Achievements & Awards

- Generative AI Course with Langchain and HuggingFace - Udemy (2025)
  https://drive.google.com/file/d/1nuK05NFQxqe1nP2MlhJAVmwGCYbpGmXl/view?usp=drivesdk
- Data Science Course - Udemy (2025) https://drive.google.com/file/d/1OPZaKSziK4Z1Uoh-mqhgDLV7AB1uyxwc/view?usp=drivesdk

- Data Analyst Course - Udemy (2025) https://drive.google.com/file/d/1y1YHUrXdKH0ycRYyS3MuDfj0wMoNcOzs/view?usp=drivesdk
- Full Stack Web Development Course - Udemy (2025) https://drive.google.com/file/d/1OD1ESHS568eGhc-kOpoRhTHuS4499AP7/view?usp=drivesdk
- Project Management - Udemy (2024) https://drive.google.com/file/d/1a2WEjYM_1te2eTRSoxA0JEZSUOwj4THl/view?usp=drivesdk
- Occupational Safety and Health Supervisor Course - OSHAssociation UK (2023) https://drive.google.com/file/d/1wkgzi8erp3A5na9N63U3cHCWBNgUElGR/view?usp=drivesdk
- SPE Most Supportive Personality Award - SPE FUTO (2023) https://drive.google.com/file/d/19FQ55YO35vJQOxqTlZwQ8deozWgFMSt3/view?usp=drivesdk
- Chapel Coordinator, Anglican Chapel of Light, FUTO (February 2021 - December 2023) - Spearheaded collaborative efforts with a 30-member team to design and execute impactful community-building programs, enhancing the experience of over 1000 students and fostering a sense of unity and purpose. - Demonstrated exceptional leadership and organizational skills by coordinating student volunteers for weekly campus cleanup initiatives, showcasing resourcefulness and a strong commitment to teamwork. - Provided administrative oversight for the chapel, including prudent financial management for chapel projects and meticulous record-keeping through efficient student data collation. - Successfully chaired a 15-member committee to plan and execute the annual Harvest Celebrations, overseeing all aspects of planning and activities with precision and attention to detail. - Led a 20-member committee to plan the Silver Jubilee Celebrations of the Anglican Chapel of Light, showcasing exceptional leadership and project management skills.
- Founder, Night Classers Study Group - Pioneered a dynamic study group for engineering students, uniting over 60 members in a collaborative pursuit of academic excellence through rigorous study sessions and effective team learning strategies. - Spearheaded initiatives that yielded a remarkable 30% increase in coursemates' CGPA, demonstrating exceptional leadership and a commitment to academic success. - Cultivated a supportive community that fostered meaningful connections, sustainable networking, and a spirit of brotherhood, driving exponential growth in camaraderie and collective achievement.

Reference

- **Prof Stanley-Moore Onwukwe - Federal University of Technology Owerri**
  Professor of Petroleum Engineering/Project Supervisor
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- **Mrs Diepiriye Omonigho Omorodion-Osagie - Tenaris**
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