Data Scientist
Nnamdi EKWEARIRI

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Objective

Experienced Data Scientist with a proven proficiency in translating raw ideas into valuable data products. Productionalised models, and build data apps that increased efficiency by more than 2% and reduced workload by almost 5%. Lunched agentic AI workflows with great business potential.

Skills

Python, JavaScript, C#, Java, C, C++ | Pandas, Polars, NumPy |
Machine Learning, Deep Learning, Computer Vision |
TensorFlow, PyTorch, Keras, Scikit-Learn |
Git, Docker, Nginx, MLOps, CI/CD, Kubeflow |
AWS, SageMaker, Databricks, Snowflake | NLP, RAG, LLM |
MSSQL, Postgres SQL, MySQL, Oracle 11 |
Data Analysis, Data Visualization, Statistical Modeling |
Communication, Problem-Solving, Critical Thinking | A/B Test |
Predictive Model, User Segmentation | Llamaindex, LangChain

Experience

VOLUNTEER TEACHER - ML/AI | **REDI SCHOOL - HAMBURG**

JAN 2025 - PRESENT

- Teaching Machine Learning and Artificial intelligence
- Assist with Lab/coding sessions
- Share feedback with students on homework
- Conduct interview, Coaching, and mentorship

DATA SCIENTIST - MACHINE LEARNING | **INITIATIVE MEDIA GMBH**

HAMBURG, GERMANY | JAN 2022 - DEC 2024

- Collect data from various sources, including databases, APIs or external sources.
- Implement an ETL pipeline.
- Trained and deployed models that handle certain predictive use cases.
- Created analyses and visualisations for many business use cases. For example analysis that measure the impact of marketing campaigns on individual behaviour, thereby increasing market research efficiency by up to 2%.
- Extract, clean and organise large data sets for exploratory data analysis (EDA) using Pandas, Polars, Dask, pySpark, Numpy and Matplotlib.
- Building Full-stack Data Science Dashboard.
- The technical stack: Streamlit, FastAPI, Django, Redis, LDAP, Celery, Postgres SQL, ReactJs, Tailwind, AWS Linux Server, Docker and Git for version control.
- Supervised learning - k-NN, XGBoost and LSTM
- Unsupervised learning - t-SNE and PCA

RESEARCH ASSISTANT (DATA SCIENCE) - WORKING STUDENT | **FRAUNHOFER-GESELLSCHAFT**

HAMBURG, GERMANY | FEB 2021 - DEC 2021

- Building Full-stack Data Science Dashboard.
- Consumed machine learning models through backend and frontend services.
- Assisting with hypothesis testing using A/B test.
- Assisted in designing and implementing experiments to collect and analyze data.
- Used ReactJs on the frontend, NodeJs on the backend to develop the dashboard.

SOFTWARE DEVELOPER - WORKING STUDENT | **NXP SEMICONDUCTOR**

HAMBURG, GERMANY | MAR 2019 - SEP 2020

- DB optimization, Develop and Maintain Software using EF Core, MSSQL, SQL Management Studio
- Unit Test, Acceptance Test, TDD, Scrum, Agile, IPC, WPF, VBA, C#. NET Core, RESTful API, API documentation using Swagger
- Worked on full-stack web development projects using HTML, CSS, and JavaScript
- Performed code reviews and resolved bugs within a timely manner

WORKING STUDENT IT SUPPORT | **DREAMLINE GMBH**

HAMBURG, DEUTSCHLAND | OCT 2017 - FEB 2019

- Assisted in maintaining and troubleshooting computer systems and networks.
- Provided technical support to end users for hardware and software issues.
- Assisted in setting up and maintaining IT equipment such as computers and printers.
- Provided remote assistance to users for software installation and troubleshooting.
- Managed and documented IT inventory and asset tracking.

RESEARCH ASSISTANT | **CYPRUS INTERNATIONAL UNIVERSITY**

NICOSIA, CYPRUS | NOV 2015 - JUL 2017

- Assisted two professors in Software Engineering laboratory work
- Prepared laboratory practice on "Algorithm and Data Structure" taught in C/C++
- Prepared laboratory practicals on "Introduction to Programming" taught in C

SOFTWARE DEVELOPER | **SCHOLARS NETWORK NIG. LTD**

ENUGU, NIGERIA | JAN 2013 - SEP 2015

- Develop web applications using VBA, C#. NET Core, RESTful API, and API documentation using Swagger.
- Created RESTful APIs to integrate external services with company's platforms.
- Developed and maintained web applications using JavaScript, HTML, and CSS.
- DB optimization, Develop and Maintain Software using EF Core, MSSQL, SQL Management Studio
- Improved system performance through code optimization and debugging.
- Designed and implemented database solutions using SQL and NoSQL technologies.

Education

M.SC. INTELLIGENT ADAPTIVE SYSTEMS | **UNIVERSITÄT HAMBURG**

HAMBURG, GERMANY

M.SC. COMPUTER ENGINEERING | **CYPRUS INTERNATIONAL UNIVERSITY**

NICOSIA, CYPRUS

B.SC. COMPUTER SCIENCE | **ENUGU STATE UNIVERSITY OF SCIENCE & TECHNOLOGY**

ENUGU, NIGERIA

Languages

ENGLISH
ADVANCED

GERMAN
INTERMEDIATE

Projects

https://github.com/NotNANtoN/CV-Project-2020

https://github.com/85nnamdi/activeSpeakerDetection

Publications

A. N. Ekweariri and K. Yurtkan, "Facial expression recognition using enhanced local binary patterns," 2017 9th International Conference on Computational Intelligence and Communication Networks (CICN), Girne, Northern Cyprus, 2017, pp. 43-47, doi: 10.1109/CICN.2017.8319353.