GRACE EZE

Data Practitioner

📞 +49 (0) 162 7096 430 @ grace.anulikaeze@gmail.com
🔗 https://ghraciella.github.io/   📍 Bremen, Germany
☆ https://www.linkedin.com/in/grace-anulika-eze-data-practitioner/

SKILLS

Programming and Version Control

Python · Pandas · Numpy · Scikit-Learn ·

Pytorch · Git · Github · Kanban ·

Jira / Trello · SciPy

Data and Database Management

SQL · PostgreSQL · SQLAlchemy ·

Microsoft Excel / Google Sheets ·

Apache Kafka (beginner) ·

PySpark (beginner)

Data Visualization

Matplotlib · Seaborn · Plotly · Power BI ·

Tableau

Orchestration and Containerization

Apache Airflow (beginner) ·

Docker (beginner)

Others

Research · Data Entry · Hypothesis Testing ·

Data Wrangling · Statistical Analysis ·

Analytical Modelling · Mathematics ·

Data Visualization

EDUCATION

M.Sc. Applied Mathematics (EMJMD)

Ivan Franko National University of Lviv, Ukraine.

09/2018 - 07/2019

M.Sc. Mathematical Engineering (EMJMD)

University of L'Aquila, Italy

09/2017 - 07/2019

M.Sc. Mathematical Sciences and Scientific Computing

African Institute of Mathematical Sciences, Cameroon.

08/2016 - 07/2017

B.Sc. Industrial Mathematics

Covenant University, Ogun, Nigeria.

09/2012 - 06/2016

SUMMARY

Passionate Data / ML Practitioner with about 4 years of experience in research, developing data-driven solutions and also a well established industrial mathematical background. I am constantly motivated by every new experience I learn through data and its impact on efficient decision making. I have experience in both independent and collaborative workflows for various projects as well as interest in the areas of; data analysis, analytical engineering, data engineering, data science and software development.

EXPERIENCE

Data Practitioner Trainee
03/2023 - 09/2023

Neuefische GmbH
Remote/Hamburg, DE

· Utilization of relevant tools for both independent and collaborative development of various machine learning models as well as analysis, identification of useful KPIs and data solutions which aligned with business requirements.
· Data management, utilization of tools such as Python and SQL to handle data entry, data preprocessing as well as analysis on both structured and unstructured data.
· Tracking and organisation of data related workloads and processes in a dynamic environment.
· Open source contribution to Pandas as part of the PyLadies Hamburg community.
· 520 hours of programming practice with team-based development of a mood based music recommendation system that fine-tunes and makes personalised music suggestions by introducing user input options with a focus on mood and genre of the audio tracks.
· Capstone Project: MOOSIC - mood based music recommendation system.

Research Scientist
08/2019 - 02/2023

University of Bremen (O2C/ZETEM)
Bremen, DE

· Conducted research on computer vision technologies as well as relevant emerging global best practices for efficient decision making and to foster innovation in project.
· Implemented image processing neural networks for road object segmentation and distance estimation of required road objects which were trained on large multi-dimensional data files using relevant technologies in an agile environment.
· Collection of test data, camera filter creation, and testing of models on an autonomous research car in alignment with the requirements of the image processing and creative teams.
· Conducted research on optimisation methodologies with a focus on integrating deep learning algorithms into a multi-objective multi-task model.
· Prepared internal presentations, moderated and took part in various topic-based work group discussions.
· Engaged in various professional development activities, including attending training workshops in the data scientist track, seminars, and working on self-development projects to extract insights from different datasets.

Research and Development Intern
02/2019 - 04/2019

Abto Software
L'viv, Ukraine

· Generated a comprehensive survey report which reviewed the existing handwritten text recognition techniques, libraries and software solutions. It was then used to foster efficient decision making for the next steps in our project.
· Implemented and presented a simple neural network for character recognition which was trained on the MNIST and EMNIST dataset.
· Communicated with the team and coordination of tasks using specified project management tools.

PROJECT AND CERTIFICATION

Google Data Analytics Professional Certificate (Coursera)

DevOps, Cloud, and Agile Foundations Specialization (IBM - Coursera)

Leverage Data Science for a More Agile Supply Chain (Coursera - University of California, Irvine)

Supply Chain Optimisation (Coursera - University of California, Irvine)

LANGUAGES

English   Native (Fluent) ●●●●●   German   Intermediate (A2) ●●●○○