

DIMITRA GKOGKOU

Data Scientist | Physics Ph.D

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SUMMARY

My eternal drive is explaining the world through numbers and patterns. That is what led me to physics and now to data science, as a natural progression, especially when data and models are used for real-life applications. I am eager to leverage my diverse skillset and years of professional experience in research and corporate settings to support your team.

PRACTICAL EXPERIENCE

Data Science Bootcamp

Spiced Academy

04/2024 - 07/2024 Berlin

- Intensive 12-weeks on-site bootcamp with Python-based weekly projects covering **data science & machine learning** topics
- Fraud detection** in Electricity and Gas Consumption project
- Text **Classification** by fine-tuning LLM Transformer and RAG employment for user specific chatbot interactions
- Exploratory Data Analysis** of real estate data providing client-based recommendations

Managing Editor for Publishing & Operations

Wiley

04/2021 - 10/2023 Berlin

- Managed** a new open access journal launch ensuring operational efficiency between **multiple systems & stakeholders**
- Reported** to editorial board & contributed in **strategic decisions** guided by **metrics**
- Ensured the successful inclusion of journal to **indexing services**
- Organized transfer pipelines** from other journals for healthy article flow
- Coordinated **marketing & promotional** activities
- Trained & guided** team of 15 on best practices

Scientific Peer Review Editor

Wiley

07/2019 - 04/2024 Berlin

- Evaluated & assured the quality & integrity** of submitted research literature for a broad portfolio of scientific journals
- Coordinated** the peer review process & made decisions based on reviewer reports
- Participated in task force for **detecting publication fraud** (e.g. AI generated content)
- Commissioned high quality content

Research Associate

Leibniz-Institut für Analytische Wissenschaften – ISAS – e.V.

09/2017 - 07/2019 Berlin

- Collected & analyzed** experimental data on the field of photonics
- Wrote scientific papers** showcasing the experiments & results
- Presented research results** of institute in international conferences

DISTINCTIONS

Lindau Nobel Meeting Alumna, 2019

Finalist of Dissertationspreis Adlershof, 2017

Best Poster Content, School of Analytical Sciences Adlershof Summer School, 2015

TECH STACK

Python	Linux	Bash	Git	SQL
sklearn	Pandas	Numpy	Plotly	
XGBoost	Flask	Streamlit		
Tensorflow	HuggingFace	HTML 5		
CSS 3	Bootstrap	Selenium		

EDUCATION

PhD in Physics (Dr. rer. nat.)

Technische Universität Berlin

10/2013 - 05/2017 Berlin

- Subject expertise on nanotechnologies and biophotonics, Summa Cum Laude

M.Sc. Physics & Technology of Materials

Aristotle University of Thessaloniki, Greece

09/2011 - 03/2013 Thessaloniki

- Focus on analytical applications for pharmaceuticals, 8.81/10

LANGUAGES

Greek	Native
English	Full Professional Proficiency
German	Professional Proficiency

ADDITIONAL COURSES

100 Days of Code- The complete Python Pro Bootcamp

Udemy - Dr. Angela Yu - March 2024

Become a Data Scientist

LinkedIn Learning - March 2024

SQL Essential Training

LinkedIn Learning - May 2023

Intro to Machine Learning

Kaggle - July 2023

Intro to Deep Learning

Kaggle - October 2023

Computer Vision

Kaggle - October 2023

Lean Six Sigma Yellow Belt

Wiley - August 2021