

Edgar Abasov

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Summary

Data Science Master's student at Greifswald University and former AI Engineer with 2+ years of production experience. Specialised in multi-agent systems, RAG, Docker, and AWS. Seeking Werkstudent (20 h/week), internship or HiWi roles in AI Engineering / Data Engineering – hybrid (Greifswald/Berlin). German B2 (speaking) | English C1.

Experience

Bank of Georgia | Tbilisi

AI Engineer | 10/2023 - 09/2024

- Improved chatbot accuracy by 15% using Python, SQL, MongoDB, and NLU models.
- Built and deployed Georgian/English features with DevOps tools.

BSU | Batumi

Data Scientist | 03/2021 - 03/2022

- Developed a speech-to-text web app with 0.77 accuracy for client use.
- Researched audio processing using Spectrograms and Fast Fourier Transform (FFT)

Projects

unimate – AI Multi-Agent German Exam Prep (Ongoing) Mar 2026 – Present • Building multi-agent system (LangGraph + RAG) for TestDaF/Goethe/university admissions using official German materials. • FastAPI + Docker + Groq LLMs • GitHub: github.com/Metaphysicist1/unimate

CoverBot – RAG Document Chatbot • Developed production RAG chatbot with Gemini API and Streamlit for interactive document querying. • GitHub: github.com/Metaphysicist1/CoverBot

Diamond Price Prediction – Flask Web App • Built scalable XGBoost API (90% accuracy); fully Dockerized and deployed. • GitHub: github.com/Metaphysicist1/Diamond-Price-Prediction

PneuNet – Medical Image Classification API • PyTorch CNN served via FastAPI + Docker (production-ready endpoints). • GitHub: github.com/Metaphysicist1/PneuNet

Education

HAW Kiel | Kiel, Germany

Erasmus+ Exchange Year - Master Data Science | 02/2026

Machine Learning, Data Visualization, Cloud Computing, Data Science, Multivariate Calculus, Data Management

Shota Rustaveli State University | Batumi, Georgia

B.Sc. Computer Science | 02/2024

Programming C++, Databases, OOP, Math, DS and Algorithms, Software Engineering, Bachelor's Thesis

Certificates

- **AWS Certified Machine Learning - Speciality** 02/2025 skills in designing ML models on the AWS Cloud.
- **Mathematics for ML and Data Science Specialisation** 04/2025 Linear Algebra, Calculus, and Statistics
- **Certified Azure Data Scientist Associate**, 03/2021, Implementing Machine Learning Solutions on Azure.

Skills

Python, LangGraph, RAG, LLM Agents, Docker, FastAPI, AWS (SageMaker, S3, EC2), PyTorch, Scikit-learn, PostgreSQL, MongoDB, SQL, Streamlit, Power BI, Git, CI/CD, German B2, English C1