

ADAM SIEMASZKIEWICZ 🖐️



Machine Learning | Computer Vision | LLM | Azure | Geospatial



Cześć! I'm a Machine Learning Engineer with 3 years of experience, based in Wrocław, Poland. I specialize in building computer vision models using geospatial data on Azure cloud. I have been exploring the capabilities of Large Language Models (LLMs) as personal projects, experimenting with their potential to enhance AI-driven solutions and workflows.

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TECH STACK

- ✓ Python, SQL, HTML, CSS
- ✓ Pytorch, Pytorch Lightning, Transformers
- ✓ OpenCV, Scikit-learn, XGBoost
- ✓ OpenAI, Langchain, AutoGen, Pinecone
- ✓ GeoPandas, GDAL, Rasterio
- ✓ Pandas, Numpy, Matplotlib, Plotly
- ✓ Azure ML, Azure DevOps
- ✓ Conda, Docker, Dask

PERSONAL PROJECTS

Droplet Drug Detector

Deep learning tool designed to improve the identification and quantification of substances, thereby enhancing drug analysis and quality control. In collaboration with Tomasz Urbaniak, Pharmacy PhD. Track progress on [Github](#).

Archi Lawyer Chatbot

A chatbot offering architects legal insights on building codes, leveraging RAG to source from actual regulation PDFs for precise advice. It employs OpenAI API, Langchain, and Pinecone. Track progress on [Github](#).

EXPERIENCE

Aug 2021 - Present

Machine Learning Engineer - Four Point

Developing computer vision models for geospatial data on Azure cloud. Deploying models successfully in the [TerraEye](#) app.

Feb 2021 - May 2021

Junior Data Scientist - Data Courage

Implemented client clusterization and churn analysis models using scikit-learn. Generating critical business insights within [Data Courage](#) tools.

2014 - 2021

Co-founding Architect - JEJU.studio

Designed and built diverse architectural projects including school in Tanzania and various interiors & residential projects showcased on our [website](#).

EDUCATION

Dec 2022

MLOps Specialization - DeepLearning.AI

Coursera certificate focusing on ML system design, deployment, and management in production environments.

May 2022

Azure Data Scientist Associate - Microsoft Certified

Passed DP-100 exam, demonstrating Azure data science expertise.

Oct 2020

Deep Learning Specialization - DeepLearning.AI

Proficient in building and optimizing neural network architectures like CNNs, RNNs, LSTMs, and Transformers.

2008 - 2013

Master of Science in Engineering - Wrocław University of Science and Technology

Specialization in Architecture and Urban Design.

LANGUAGE SKILLS

English C2 German B1