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ANTONI PATER

ML Developer Python Developer

A highly motivated and ambitious individual with a strong foundation in Computer Science and Artificial Intelligence, specializing in Machine Learning and Data Science. Passionate about applying AI to solve real-world problems.



/antoniopater



in/antoni-pater-a9ba69275

STACK

Programming Languages

PYTHON

C++

Machine Learning libraries

XGBOOST

SCIKIT-LEARN

PYTORCH

MATPLOTLIB

PANDAS

NUMPY

Others

GIT

GITHUB

LINUX

COLAB

POSTGRESQL

OOP

ENGLISH (B2)

POLISH (NATIVE)

EDUCATION

AGH University of Science and Technology

Bachelor of Computer Science and Intelligent Systems
2023 - 2027

PASSIONS

- Running
- Traveling
- Playing Football and Tennis
- Reading Biographies

PROJECTS ON GITHUB

ChestXrayClassifier: AI-Powered Pneumonia Detection from Chest X-Ray Images

Description:

Developed an AI diagnostic tool in PyTorch using DenseNet121 to classify chest X-rays as NORMAL or PNEUMONIA.

Technologies: PyTorch, Torchvision, Scikit-learn



BloodGuard: AI Health Diagnosis via Blood Test Analysis

Description:

Built an XGBoost model to classify blood test results, enabling predictions and accuracy evaluation with preprocessing.

Technologies: Python, XGBoost, Pandas, Scikit-learn



ACHIVEMENTS

Top 3 in SGH Business Game 2025

Analyzed business cases, developed market strategies, and presented insights to experts.

3rd place in the Motorola Science Cup 2022

Developed a desktop learning application using Python to enhance educational experiences through interactive features.

Finalist of the XIII edition of the "Zobaczyć Matematykę" contest, organized by AGH

ACTIVITIES

AI Lab AGH Scientific Club - member

AGH Analytics Scientific Club - member

Professor Kazimierz Bartel Foundation - Volunteer