Przemysław Boruta

Machine Learning Expert

ABOUT ME

Former product manager with 3 years of broad-based experience in developing web applications and processes related to corporate clients' credit needs and automating data. Now a machine learning expert with wide range of experience in both NLP and CV, but also with knowledge of MLOps tools.

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TECH:

- **Deep Learning**: scikit-learn, Tensorflow - keras, flair, pytorch
- **Computer Vision**: Tesseract, pytesseract, TrOCR, YOLOv5, LayoutLM
- **Natural Language Processing**: transformers, FastText, Laser, spacy
- **Workflows**: Airflow, Celery
- **REST frameworks**: FastAPI, Flask
- **Data/-flow**: PostgreSQL, MsSQL, Oracle, Elastic, RabbitMQ, Kafka
- **MLOps**: Kubernetes, OCP, Docker, Jenkins, Vault

EXPERIENCE

02.2023 – now
Machine Learning Expert • PKO Bank Polski • Warsaw, PL

2022 – 01.2023
Machine Learning Senior Specialist • PKO Bank Polski • Warsaw, PL

2020– 2021
Sr. Product Development Specialist • ING Bank Śląski • Warsaw, PL

05.2019-06.2019
Credit Risk Modelling Specialist • ING Bank Śląski • Warsaw, PL

2018– 2020
Product Development Specialist • ING Bank Śląski • Warsaw, PL

Most notable projects:

– Document (scans) classification with data detection (e.g. sender's data, data of the person to whom the document relates; about 25 data types) w/ asynchronous processing

– Intent recognition, named entity recognition, fuzzy matching models for chatbots

– Anomaly detection in IT infrastructure

– Sensitive data detector (GDPR) in short notes in company's CRM software

– Topic modelling

EDUCATION

2016-2021
SGH Warsaw School of Economics, Warsaw, PL
Quantitative Methods in Economics and Information Systems (PL)
Bachelor's: 2016-2019
Master's: 2019-2021