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EXPERIENCE

SzybkieSkladki.pl

Fullstack Engineer

Warsaw, Poland

December 2023 - present

- Developed a module for events (front-end and back-end) and database using PHP Laravel
- Managing DB MariaDB
- Monitored and maintained the ML pipeline for automated accruals matching, ensuring high data integrity and consistent prediction accuracy.

ML in PL

Finance Officer

Warsaw, Poland

December 2022 - present

Teaching Assistant

November 2022

Volunteer

October 2022 - November 2022

- In my role, I prepared invoices for conference sponsors and managed financial transactions for the entire organization as part of the finance team
- Additionally, I assisted course participants in earning their NVIDIA DL certificates
- I also volunteered at the MLinPL 2022 conference, the largest machine learning conference in Poland

Artificial Intelligence Science Association “Golem”

Warsaw, Poland

Treasurer

Octoper 2020 - September 2024

- Led fundraising efforts to sponsor Society members' participation in AI competitions
- Coordinated budgets for member merchandise, including T-shirts, stickers, and roll-up banners (FPU 2023)

OLX Group

Warsaw, Poland

Data Science Intern

July 2022 - January 2023

- I conducted A/B test report data preprocessing in Python and performed data analysis to support decision-making for the team manager
- Additionally, I developed an unsupervised ensemble model in Python for anomaly detection in time series tracking data, enhancing detection accuracy and providing relevant contextual insights

2Take.it

Remote

Junior Data Scientist

Semptember 2020 - January 2021

- I refactored Python code to optimize data preprocessing pipelines

ACHIEVEMENTS

1st Polish Senior Championship in waterpolo

2021, 2023-2025

- Secured the National Championship title with Nekera AZS UW Waterpolo
- Achieved sustained competitive excellence, winning the league across three non-consecutive seasons

Rector's scholarship for exceptional achievements

February 2024 - September 2024

- The rector's scholarship is a benefit that awards the best students of a given year of a given field of study

3rd place at the ai games 2022 competition – airplanes trajectory prediction

November 2022

- The goal of the task is to predict as accurately as possible the trajectory of aircraft flying in us airspace based on flight plans and weather conditions

Rector's scholarship for exceptional achievements

October 2021 - September 2022

- The rector's scholarship is a benefit that awards the best students of a given year of a given field of study

54th place out of 2060 teams in a NLP competition - top 3%

December 2021 - March 2022

- This competition aims to build NLP models for detecting argumentative structures in student essays to enhance automated writing feedback

- I have a basic understanding of credit risk principles and experience in market risk modeling

SKILLS

Engineering

- **Coding** - Python, Bash, SQL, Javascript, PHP, C#
- **Libraries** - Numpy, Pandas, PyTorch, transformers, Matplotlib, Scikit-learn
- **Infrastructure** - Git, Linux, Terraform, Kafka, Flink, Docker, GCP
- **Databases** - PostgreSQL, SQLite, MariaDB
- **Technical Skills** - Algorithms and data structures, Object-oriented programming, Relational databases
- **Mathematics and Computational Skills** - Mathematical analysis, Linear algebra and geometry, Discrete mathematics, Probability theory and statistics, Computational complexity

General

- **Language Skills** - Fluent in English, Polish as native language

MY PROJECTS

- *LLM/RAG project* - Chatbot
- *ML project* - Predicting Loan Payback
- *NLP project* - Food Hazard Detection
- *AI project* - AI Development Tools
- *Data engineering project* - Covid-19 impact dashboard
- *Data engineering project* - Simulate transactions and classification anomalies
- *Audio classification project* - music cover identification

EDUCATION

Warsaw University of Technology

Bachelor's and ongoing Master's degree in Computer Science

2019–2026

- Bachelor's degree - thesis topic: Comparing the performance of different time series forecasting models on stock market data (2019–2023)
- Master's degree - thesis topic: Recognition of synthetic audio materials (2024–2026) ongoing

HOBBY

- I am interested in the domain of Data Science, Machine Learning and Deep Learning
- In my free time, I take part in competitions on Kaggle.com or in hackathons with my colleagues from the “Golem” association, where I verify my skills and broaden my knowledge. I am also interested in front-end programming
- I have been practicing waterpolo for 15 years. Additionally, I have been coaching younger players in waterpolo.