Mateusz Dorobek

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⚙ SKILLS

Technology
- Python
- SQL, Snowflake
- Tableau, Power BI
- Matplotlib, Seaborn
- Airflow, Jinja
- Git, GitHub, Azure
- TensorFlow, PyTorch
- Keras, Sklearn

Data Science
- Machine Learning
- Neural Netowrks
- Explainable AI
- Data Processing
- Feature Engineering
- Feature Selection
- Model Tuning
- Fast Prototyping
- Visualization
- Risk Prediction
- Model Calibration
- Performance Monitoring

Communication
- Effectively explaining complex concepts
- Critical thinking
- Taking initiative
- Team player
- Adaptability
- Easy to work with

💼 EXPERIENCE

Data Scientist, *Allegro Pay* 🔗
2021/10 – present

I have built, implemented, and monitored ML models. I have developed the Feature Store using AirFlow and Snowflake and improved the model development pipeline. **I have productionalized prescoring model on e-commerce data for risk scoring.** I have worked on creating a tool to evaluate data quality, model monitoring, and reporting to the risk team using SQL & Tableau. I have been a part of the duty team controlling data quality.

Data Analyst, *CloudBest* 🔗
2020/08 – 2021/10

I have improved sales and marketing strategies by creating customer behavior models and analyzing them based on fraud detection and churn analysis. I determined the business needs of the board and converted them into business requirements. **I prepared product improvement strategies, which were successfully implemented.** Furthermore, I detected customer abuses and convinced the board to focus on fixing them. I was responsible for the profitability estimation of new business ideas for CloudBest management.

Freelancer | Professional Trainer 🔗
2018 – present

I have successfully completed over 100 projects as a freelancer, ranging from analytical projects to consulting business ideas or supporting scientific research. I have worked with: Evolutionary Algorithms, Predictive Analysis, Computer Vision, Time Series, etc. **My current focus is on professional training. I conduct full-day (8h) commercial training sessions on Machine Learning in Python.** I have worked with clients from all over the world in various fields such as finance, medicine or engineering.

🎓 EDUCATION

MSc in Data Science, *Warsaw University of Technology MINI*
2019 - 2020 Thesis: „Generating Chords Progressions - Word2Vec & LSTM" 🔗

MSc in Artificial Intelligence,
University of Barcelona | Technical University of Catalonia
2019 - 2020 Erasmus exchange. PyBCN conference speaker | HackUPC 2nd prize

BSc in Computer Science, *Warsaw University of Technology EITI*
2015 - 2019 Thesis: *„Use of DCGAN for generating music"* 🔗

◎ OTHER ACTIVITIES

Public Speaking
I was a conference speaker at DDI22 🔗 DSS22 🔗 WDI21 🔗 PyTech21 🔗 PDP21 🔗 DSS21 🔗 MLinPL20 🔗 DSS20 🔗 PyBCN20 🔗 PyWaw19 🔗 , etc.

Tutoring and Mentoring
I adhere to the needs of my students by explaining to them the big picture using examples from their areas of expertise. I let them make mistakes to prepare for real challenges. I have become a mentor for some of my students by helping them rebrand themselves, find a new career path or get their first job.

Music
Jazz is my passion. I'm a graduate of two musical schools: classical and jazz. I have played with various ensembles including big bands, quartets, etc. I have been arranging, composing, and playing saxophone and piano for over 10 years.

⚙ PRIVACY POLICY