

Bartosz Roguski

Machine Learning Engineer

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Machine Learning Engineer with a BSc in Neuroscience. Lifelong learner, constantly keeping up with the ever-evolving Machine Learning landscape. Having experience in both commercial and research projects, the fusion of both is what I find most exciting.

Work Experience

Machine Learning Engineer

4soft

Dec 2020 - Current

- Fine-tuned RoBERTa on machine translated SQuAD dataset (EM: **46%**, F1: **53%**)
- Reimplemented training procedure from [Word-Level Coreference Resolution](#) and adjusting it for training Polish language model (CONLL-12: **77.4%**)
- Worked fraud detection model for Ethereum transactions (Decision Tree) as part of PoC
- Developed a QA chatbot (pre-ChatGPT era)

Education

BSc Neuroscience

Jagiellonian University

Oct 2016 - Jul 2019

My bachelor's thesis was a research project, with the goal of analyzing connectivity in the human connectome. For this purpose, I used the R programming language.

Internships

Cardiff University

Research Associate

Dec 2019 - Mar 2020

Work on the research project aiming to understand the structural connectivity patterns in the human brain and its selective changes across lifespan using in-house software and bash scripts.

Languages

English

C1(CAE certificate)

Skills

Python | Machine Learning | Natural Language Processing | PyTorch | PyTorch Lightning | DVC |
HuggingFace Transformers | OpenAI ChatGPT | AWS | MLFlow | Pandas | Docker | SQL | Git