Elizaveta Kolmakova

Data Scientist, ML engineer

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Master Science Degree in Data Science at Innopolis University
- Experience in DS and ML, deep interest in NLP, AI and human brain
- Fluent English
- Experience in organizing Data Science student club

EXPERIENCE

DEC 2021 – NOW
ZeBrains

DATA SCIENTIST

ZeBrains is a software development company. My main responsibilities - application of ML and DS models to solve customers requests.
Teamwork, interpretation of results, optimization, production.
[Python (Torch, Tensorflow): CV; NLP: Recommendation system (LaBSE+HNSW+spacy), NER (spacy, DeepPavlov, Natasha); classical DS, ARIMA, LSTM, analytics, statistics, regression;]

OCT 2021 – OCT 2022
Yomy (start-up)

DATA SCIENTIST -> CEO

YOMY is an AI application-assistant for young people. My responsibilities are to propose the application of AI and implement starting from an intent-classifier based on user messages.
Got promoted to the position of being one of the core team - CEO.

SUM 2021 INTERNSHIP
EORA data lab

DATA SCIENTIST

- Development of a chat bot in Russian on two models: generative model (RuGPT), retrieval-based model and final ranking model (DeepPavlov)
FastAPI; Teamwork

UNIVERSITY

2020-2022
Master Science

INNOPOLIS UNIVERSITY

- Multiple team projects and hackathons
- Courses such as Machine learning, Advanced Machine learning, Advanced Information Retrieval, Big Data, Managing Software Development, Optimization, Advanced Statistic, Empirical methods
- Development and research of the topic "When and Why Generative Models (GAN) are Useful for Imbalanced Classification Problems?" as part of the Master graduation thesis
- [GAN, AE, parameters selection, unfrozen encoder]

2016-2020
Bachelor

KAZAN FEDERAL UNIVERSITY

- Project # 1: application of neural networks to analyze the sentiment of news. [Python, LSTM]
- Project # 2: Application of Neural Networks to Predict the Recovery of Patients with Myocardial Infarction.
- [Python, LSTM, word2Vec, data preprocessing]
- Graduation thesis - "Application of neural networks in medicine" about the analysis of medical histories of patients diagnosed with "Myocardial infarction" to predict recovery with the given treatment.
- [Python, LSTM, word2Vec, data preprocessing]

PS

A cheerful person i hope)
I'm big fan of topics DS and NLP, medicine, health, well-being, AI and human brain.