

Dmitrii Maksimov

MACHINE LEARNING ENGINEER · DATA SCIENTIST

Erlangen, Germany

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Summary

Data/Software Engineer at fintech company T.C.R. International and Working Student Data Scientist at GFK. Worked as a Data Scientist at the retailing company SDVOR in Moscow. 3+ years of diverse data science experience with specialties in market research, data visualization, market optimization and model deployment. 2+ years of diverse data/software engineering experience with specialties in pipelines integration using Airflow, architecture design using AWS, database maintenance and deployment using docker

In addition, while studying at the university and various courses(e.g. MADE from VK), I learned many skills like: **NLP, Deep Learning, Computer Vision, Pytorch, Transformers, Huggingface, PyTorch Lightning, Optimization, Spark, Hadoop, Scala, Recommender Systems, kubernetes, mlflow, algorithms and data structures.**

Love to share knowledge with different communities. Interested in devising a better problem-solving method for various tasks and learning new technologies and tools.

Skills

MLOps AWS, Docker, GitHub, Retool, Linux, Bash, REST API

ML Machine Learning, Statistical Data Analysis, Data Visualization, Probability Theory, ETL, Vertica, Search Engine Optimization, PostgreSQL, Market Research, Parsing, Streamlit

Programming Python, SQL, SAS base, LaTeX

Languages Russian, English, German

Work Experience

GFK

Nuremberg, Germany

DATA SCIENTIST & WORK STUDY

Apr. 2022 - Present

- Creating a tool to compare segmentations and their impact on the market
- Developing a method to detect Aol(areas of interests)
- Investigating cannibalisation effects
- Evaluating competitors algorithm
- Stack: **Python, Google Cloud Platform, Streamlit, PostgreSQL**

T.C.R. International

Cyprus

DATA/SOFTWARE ENGINEER

Sep. 2021 - Present

- Creating and maintaining processes for financial systems(e.g. locates, charging, symbols databased maintaining)
- Optimize airflow dags which allowed to reduce the cost of the astronomer of 70%
- Stack: **Python, AWS, Airflow, PostgreSQL, Retool, REST API, Docker**

SDVOR

Moscow, Russia

DATA SCIENTIST

Apr. 2020 - Jan. 2022

- Creating an attribution model in advertising for SDVOR site using Markov chain as a result advertising costs decreased by 5%
- Programming ETL workflows for competitors site's parsing
- Building service to optimize price for sales using SAS, python, SQL, which increased the profit on some products by 10%
- Accomplishing computer vision model to compare planogram and realogram via photo in a shop
- Creating telegram-bot as a server for different tasks
- Stack: **Python, SAS, Vertica, PostgreSQL, Telegram API**

Education

FAU(Friedrich-Alexander-Universität Erlangen-Nürnberg)

Erlangen-Nürnberg, Germany

M.S. IN DATA SCIENCE

Oct. 2021 - Present

BMSTU(Bauman Moscow State Technical University)

Moscow, Russia

M.S. IN COMPUTER SCIENCE AND ENGINEERING

Sep. 2020 - Jun. 2021

- Finished 1 semester

Extracurricular Activity

MADE at VK

STUDENT

- Gained expertise in different areas of ML (e.g. NLP, DL, CV, MLOps, basic ML, Python, ML in BigData, etc)
- Core member in a project to create a recommendation system for articles' authors

Moscow, Russia

Sep. 2022 - PRESENT

ML at Mail.ru Group

STUDENT

- Gained knowledge in basic ML

Moscow, Russia

Sep. 2020 - Jan. 2021

Certificates

Oct. 2022 **Completion of the Deep Learning Exercise**, FAU

Mar. 2020 **Labeled data learning**, Coursera

Mar. 2020 **Math and Python for data analysis**, Coursera

2019 **C/C++**, Mail.ru Group

Honors & Awards

INTERNATIONAL AWARDS

Jan. 2023 **8th Place**, Tensor Tournament

Oct. 2022 **2nd Place**, Classification of Solar Cell Defects

Erlangen, Germany

Erlangen, Germany

DOMESTIC AWARDS

2021 **1st Place**, SDVOR Hacking Competition

Tyumen, Russia