

# 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+ year 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, 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, Pandas, Streamlit

**Programming** Python, SQL, SAS base, LaTeX

**Languages** Russian, English, German

## Work Experience

### GFK

DATA SCIENTIST & WORK STUDY

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

Nuremberg, Germany

Apr. 2022 - Present

### T.C.R. International

DATA/SOFTWARE ENGINEER

- Creating and maintaining processes for financial systems(e.g. locates, charging, symbols databased maintaining)
- Stack: **Python, AWS, Airflow, PostgreSQL, Retool, REST API, Docker**

Cyprus

Sep. 2021 - Present

### SDVOR

DATA SCIENTIST

- Creating an attribution model in advertising for SDVOR site using Markov chain
- Programming ETL workflows for competitors site's parsing
- Creating service to optimize price for sales using SAS, python, SQL
- Creating 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**

Moscow, Russia

Apr. 2020 - Jan. 2022

## Education

### BMSTU(Bauman Moscow State Technical University)

B.S. IN COMPUTER SCIENCE AND ENGINEERING

- GPA - 4.42, max - 5.0

Moscow, Russia

Sep. 2016 - Jun. 2020

### BMSTU(Bauman Moscow State Technical University)

M.S. IN COMPUTER SCIENCE AND ENGINEERING

- Finished 1 semester

Moscow, Russia

Sep. 2020 - Jun. 2021

### FAU(Friedrich-Alexander-Universität Erlangen-Nürnberg)

M.S. IN DATA SCIENCE

Erlangen-Nürnberg, Germany

Oct. 2021 - Present

## Extracurricular Activity

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### 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

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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

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### INTERNATIONAL AWARDS

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

*Erlangen, Germany*

### DOMESTIC AWARDS

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

*Tyumen, Russia*