

EDUCATION

MOSCOW INSTITUTE OF PHYSICS & TECHNOLOGY

BS IN APPLIED MATHEMATICS &
COMPUTER SCIENCE

Grad. July 2021 | Moscow, Russia

GPA: 3.2 / 4.0

BACHELOR THESIS

Subject: GAN-based methods applied
to generating adversarial examples
against face-recognition models.

COURSEWORK

Algorithms & Data Structures •
Computer Networks • Deep Learning
in Natural Language Processing •
Design and Development of
Information Systems • High-load
System Design • Linear Algebra •
Machine Learning • Software Design
Patterns • Theory and Practice of
Concurrent Computing

MS IN DATA ANALYSIS & INFORMATION SYSTEMS

DEVELOPMENT

Expected Grad. July 2023 | Moscow,
Russia

SKILLS

PROGRAMMING LANGUAGES & TECHNOLOGIES

Recent experience:

APIs • C • C++ • Docker

CSS • Flask • HTML • Java

Keras • \LaTeX • Python

Pytorch • SQL • Tensorflow • Unix

Familiar:

Django • JavaScript • Pytest • React

HUMAN LANGUAGES

Russian (native) • English (advanced)

INTERESTS

NATURAL LANGUAGE PROCESSING

Studied different NLP problems (text
classification, generation, summarization,
POS-tagging etc.). Participated in kaggle
competitions.

EXPERIENCE

YANDEX

JUNIOR SOFTWARE ENGINEER

Since September 2021 | C++17, Python2/3, PostgreSQL | Moscow, Russia

SBER

JUNIOR DATA SCIENTIST

January 2020 – September 2021 | Python, Tensorflow, Docker, Selenium |
Moscow, Russia

- Developed a ranking model for optimizing the call center routine.
- Developed image classification models for automation of the moderation process and deployed them to production.
- Worked on automating the process of the assignee monitoring: developed an application for collecting necessary data through web scraping.
- Wrote reports and made presentations.

DATA SCIENCE INTERN

June 2020 – January 2021 | Python, Pytorch, Tensorflow, Flask | Moscow,
Russia

- Implemented an extraction-based algorithm for generating summary for short documents.
- Applied different abstraction and extraction -based methods (including fine-tuning BERT-based architectures, and implementing recurrent and transformer neural networks) for improving summarization.
- Worked on Recurrent AutoEncoder model for outlier detection in text data.

PROJECTS

QRATOR LABS

January 2020 – May 2020 | C++11, Python | Moscow, Russia

- Worked in a team developing a framework for detecting heavy hitters: finding the set of flows contributing significant amounts of traffic to a link.
- Implemented algorithms for traffic filtering.
- Implemented queue-based scheme for better traffic imitation while testing.
- Maintained performance dashboards for displaying quality metrics and memory usage.
- Organized team meetings and communication, managed the documentation of the work process and formulated the tasks for other team members.