

## 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++ • CSS • Docker

Flask • Git • HTML • Java • Keras

• ~~LaTeX~~ • PostgreSQL • Python

Pytorch • Spring • Tensorflow • Unix

Familiar:

Django • JavaScript • JQuery • 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

### QUADRATURE

QUANTITATIVE DEVELOPER INTERN | DATAFLOW

June 2022 – August 2022 | Python3, Cython | London, United Kingdom

### YANDEX

JUNIOR SOFTWARE ENGINEER | SMART DEVICES INFRASTRUCTURE

September 2021 – June 2022 | C++17, Python2/3, Flask, HTML/CSS,  
PostgreSQL | Moscow, Russia

- Optimized configuration update scheduling by making the synchronization period configurable: reduced number of requests to backend by 10%
- Implemented various features for the internal service used by testing and support teams
- Participated in load testing, refactored code, wrote tests
- Worked on migrating distributed metrics calculation from Python to C++

### SBER

JUNIOR DATA SCIENTIST | CORPORATE COLLECTION DEPARTMENT

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

- Developed classification and regression models for optimizing debt management strategies
- Developed image classification models for automating the moderation process and deployed them to production
- Worked on automating the process of assignee monitoring: developed an application for collecting necessary data through web scraping
- Analyzed A/B testing strategies
- Wrote reports and made presentations

DATA SCIENCE INTERN | CORPORATE COLLECTION DEPARTMENT

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

- Developed an extraction-based model for short documents summarization
- Researched and developed abstractive and extractive summarization methods (recurrent and transformer-based architectures)
- Researched unsupervised outlier detection in text data (focusing on Recurrent AutoEncoders)

## 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 a 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