

# ANTON DOROFEEV

## Machine Learning Engineer / Data Scientist

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✈ dorikdor

in anton-dorofeev

📍 St.Petersburg, Russia

## EDUCATION

### St Petersburg University, Mathematics and Mechanics Faculty

📍 St Peterburg, Russia

Postgraduate study

**Mathematics**

📅 2024

**Speciality:** Discrete Mathematics and Mathematical Cybernetics

Master's degree

📅 2020

**Speciality:** Applied Mathematics and Computer Science, Theoretical Cybernetics

(New name: Mathematical Modeling, Programming and Artificial Intelligence)

**Graduation project:** Speed-gradient algorithm for the problem of classifying dynamic objects using artificial neural networks

Bachelor's degree

📅 2018

**Speciality:** Applied Mathematics and Computer Science, Theoretical Cybernetics

**Graduation project:** Speed-gradient algorithm for training artificial neural networks

## SKILLS

### Programming Languages

- Python, MATLAB

### Tools

- Jupyter Notebook, LaTeX

### Machine Learning

- NumPy, SciPy, Pandas, Scikit-learn
- Matplotlib, Seaborn
- PyTorch

### Other

- Mathematical Modeling
- Cybernetics
- Control Theory
- Vector Optimization

## ACHIEVEMENTS

- Speaker and medalist of the session "Information processing in navigation systems" at the 21st Conference of Young Scientists "Navigation and Motion Control", St. Petersburg, 19-22 March 2019
- Teacher of the course "Mathematical methods of machine learning for image recognition problems" at the Youth Mathematical School, St. Petersburg, 2020/21

## PUBLICATIONS

**Dorofeev, A. (2019). "Gradient feedback method for training artificial neural networks".**

*Navigation and Motion Control. Proceedings of the 21st Conference of Young Scientists with international participants, SPb, Russia, 19-22 March 2019.* SPb, Russia: CSRI Elektropribor, JSC, pp. 310–311.

## COURSES & CERTIFICATES

- Python programming (Bioinformatics Institute, stepik.org)
- An Introduction to Data Science (SPbU, coursera.org)
- Mathematical statistics (Computer Science Center, stepik.org)
- Probability theory (Computer Science Center, stepik.org)
- An Introduction to Databases (Computer Science Center, stepik.org)
- Neural Networks and Computer Vision (Samsung AI, stepik.org)

## INTERESTS

*Travelling:* visited 30 countries, hitchhiked more than 100,000 km, hiked in 10 mountain ranges, rafted to Kara Sea, etc.