

ANTON DOROFEEV

Machine Learning Engineer / Deep Learning Engineer / Data Scientist / Mathematician

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antndor

in antndor

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 & Bachelor 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

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

- Executor of the RFBR grant "Methods of adaptation and machine learning in the problem of controlling complex systems through network communication channels", 2021.
- Teacher of the course "Mathematical methods of machine learning for image recognition problems" at the Youth Mathematical School, St. Petersburg, 2020/21.
- 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.

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.