ANTON DOROFEEV

Machine Learning Engineer / Data Scientist

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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

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.