

ANTON DOROFEEV

Junior Machine Learning Engineer

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EDUCATION

Bachelor's degree

St Petersburg University, Mathematics and Mechanics Faculty

📅 2018

📍 St Peterburg, Russia

Speciality: Applied Mathematics and Computer Science, Theoretical Cybernetics

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

Master's degree

St Petersburg University, Mathematics and Mechanics Faculty

📅 2020

📍 St Peterburg, Russia

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, SQL, MATLAB

Tools

- Jupyter Notebook, LaTeX

Other

- Mathematical Modeling, Cybernetics, Control Theory, Vector Optimization

Machine Learning

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

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".

In: *Navigation and Motion Control. Proceedings of the 21st Conference of Young Scientists "Navigation and Motion Control" with international participants*, St. Petersburg, Russia, 19-22 March 2019.

SPb, Russia: SRC of the Russian Federation Concern CSRI Elektropribor, JSC, pp. 310–311.

COURSES

- Python programming (Bioinformatics Institute, stepik.org)
- An Introduction to Data Science (SPbU, coursera.org)
- Mathematical statistics (Computer Science Center, stepik.org)
- An Introduction to Databases (Computer Science Center, stepik.org)

INTERESTS

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