

Roman Nigmatullin

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EDUCATION

National Research University Higher School of Economics

Moscow, Russia

Bachelor of Science in Applied Mathematics

Aug. 2020 – May 2024

Additional: Multiple ML, DL, business analysis courses finished on Coursera/Stepik/etc., including MIPT Deep Learning School and Mail Product management

EXPERIENCE AND PROJECTS

ML MEG and eye tracking classifier | Python

April 2020 - Present

HSE Vision Modelling lab

Moscow, Russia

- Developing a classifier of human condition based on eye tracking and MEG data, including gradient boosting and RNN, improving existing support vector machines and exploring ways to implement MEG data

Scientific papers | Algebra and statistics

April 2020 - Present

HSE MIEM

Moscow, Russia

- Doing the research on implementability of Lotka's Law in statistics to MIEM NRU HSE scientific workers
- Developed a Jupyter Notebook and an article about Central Limit Theorem in statistics and visualisations in Python

Machine and Deep Learning | Python

September 2020 - Present

Self-education

Moscow, Russia

- Participated in multiple Kaggle contests, including CV; developed a GAN to generate MNIST style numbers

ACHIEVEMENTS

School Olympiads: Prizewinner of MIPT physics olympiad (twice) in 2019 and 2020 and SPbSU physics olympiad in 2020; prizewinner of "Kurchatov" math olympiad in 2020

Current GPA: 9.57/10, top 3 in academic ranking out of 130 students

SKILLS AND INTERESTS

Languages: Python, C, SQL

Frameworks and libraries: pandas, NumPy; CatBoost, PyTorch, sklearn (learning)

Tools: PyCharm, Google Colaboratory, Google Cloud, MS Excel and Power Point

Languages: Russian - native, English - fluent

OTHER

Soft skills: Proactive, negotiative, ambitious; analytical and problem-solving skills

Interests: Basketball, DnD, questroom design