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

Programming languages: Python, C, SQL
Frameworks and libraries: pandas, NumPy; CatBoost, PyTorch, sklearn (learning)
Developer tools: PyCharm, Google Colaboratory, Google Cloud, MS Excel and Power Point
Other: Figma, Miro, Visio (learning)
Languages: Russian - native, English - fluent

OTHER

Soft skills: Proactive, negotiative, ambitious; analytical and problem-solving skills
Interests: Basketball, DnD, questroom design