Maria Egorova

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EDUCATION

- Applied mathematics and physics. Phystech school of Radio Engineering and Computer Science. Moscow Institute of Physics and Technology. Year of graduation 2025.
- Phystech lyceum named after P.L. Kapitsa. Physics and mathematics profile.

SKILLS

- Programming languages: C, C++ (beginner), Python 3, Matlab
- Operating systems: Linux Ubuntu, Linux Mint, Microsoft Windows, Mac OS
- Development tools: Git, Doxygen, Latex, Simulink
- Study courses: Introduction to Calculus; Multidimensional Analysis, Integrals and Series; Probability Theory; Linear Algebra; Computer Science, Computer Technologies (introduction to operating systems); Introduction to Matlab; Compiler Technologies and Professional Programming; Deep Learning School (MIPT); Neural Networks for Computer Vision (MIPT); YSDA Natural Language Processing course
- Foreign languages: English (Cambridge English B2 Certificate)

PAPERS

- Egorov S.I., Egorova M.S. The use of picket codes in channels for transmitting and reproducing information / Telecommunications. — 2023, — №4. — P.9—15.

PROJECTS

- Unbreakable Stack C (System Programming) — Github
- Road signs recognition based on contours analysis (OpenCV, Python) — Github
- Code embeddings extraction (NLP) — Github
- Handwriting recognition (study project in Jupyter Notebook)

EXPERIENCE

- Internship as part of the Scientific and Technological Educational Program "Great Challenges" of the Sirius Educational Center in the 3D printing laboratory, 2021
- ML Researcher in VK Lab, from 2023

SOFT SKILLS and etc.

- Experience in team leading a project as part of the Scientific and Technological Educational Program "Big Challenges" of the Sirius Educational Center
- Third year of activism in the MIPT student council
- Cheerleading in the MIPT sport section, performances at concerts and competitions