

Elizaveta Gerashchenko

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Education

- 2018 – 2022 **Bachelor's Degree. Business Informatics**
National Research University "Higher School of Economics"
- Relevant courses Calculus, Algebra and Geometry, Discrete Mathematics, Probability Theory & Mathematical Statistics, Data Analysis, Machine Learning, Machine Learning for Cybersecurity, Modern Machine Learning Methods, Python/C/C++/SQL Programming, Applied Data Analysis Problems, Data Management
- 2022 – 2024 **Master's Degree. IoT and Cyber-Physical Systems**
National Research University "Higher School of Economics"

Job Experience

- 2020 – 2022 **Computer Vision Intern (Software Optimization/GPU)**
Intel

Additional

- 2020 Winner - Machine Learning Optimization Challenge - Intel

Skills

- Programming Languages Python, C++, SQL, MS Office (Excel, PowerPoint, Word)
- Tools MS Visual Studio Code, Linux, Jupiter Notebook, PyCharm
- Languages Russian (native), English (advanced)

Research Projects & Papers

- 2019 – 2020 **Development of Web-Interface for Voice Command Recognition**, *Term paper*
The term work describes a method for recognizing voice commands based on convolutional neural networks, as well as developing additional functionality to the existing web interface that helps the user utilize this method.
- 2020 – 2021 **Classification of Emotions in Speech Using the OpenSmile Library**, *Term paper*
The term work is devoted to the study of various factors affecting the result of the classification of emotions in speech.
- 2021 – 2022 **Dynamics Analysis of the Emotional State for Teleconference Participant by Voice**, *Term paper*
The term work describes in detail the main tools for recognizing emotions in speech. During this work, CNN and a mock-up of an application capable of recognizing emotions in speech were developed.

Projects & Labs

- GitHub: <https://github.com/el1zager/Labs-Projects>