

Mikhail Gorelyi

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EDUCATION

National Research University Higher School of Economics

Bachelor's in Applied Mathematics and Information Science

Moscow

2020–present

EXPERIENCE

HSE University

Research Trainee at Laboratory of Complex Systems Modeling and Control

– Analysis of dynamical systems displaying self-organized criticality.

Moscow

2021–present

SKILLS

- **Programming Languages:** C, C++, Python
- **Frameworks and Tools:** Git, LATEX, Docker, Flask
- **Knowledge:** Algorithms and Data Structures

LANGUAGES

- **Russian:** mother tongue
- **English:** fluent
- **CAE:** Pass at grade A(C2)

PROJECTS

- JPEG decoder (C++, 2021): https://github.com/GorelyiMikhail/jpeg_decoder
A program, which is capable of decoding a JPEG image. Created as an assignment of an advanced C++ course.
- Scheme parser (C++, 2021): https://github.com/GorelyiMikhail/scheme_parser
A program, which simulates Scheme language behaviour. Created as an assignment of an advanced C++ course.
- Weather aggregator (Python, Flask, 2021): https://github.com/GorelyiMikhail/weather_collector
An app which shows a detailed analysis of the upcoming weather in the desired city. Created as an assignment of summer practicum.

EXTRACURRICULAR ACTIVITIES

- Competitive programming
Took part in different competitive programming competitions.
- Swimming
Used to participate in regional competitions.
- Academic competition participation
Participated in ITMO University's International Open Competitions in Computer Science.
3rd degree winner. 2018
- Academic competition participation
Participated in HSE University's team competition "Highest Probe".
2nd degree winner. 2019