

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, Assembly, Bash
- **Frameworks and Tools:** Git, LATEX, Docker, Flask, GDB
- **Knowledge:** Algorithms and Data Structures

LANGUAGES

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

PROJECTS

- JPEG decoder (C++, 2021)
 - A program, which decodes a JPEG file
- Scheme parser (C++, 2021)
 - A program, which parses Scheme code
- Summer practise in Data Analysis (Python, Flask, Yandex APIs, 2021)
- An app which shows a detailed analysis of the upcoming weather in the desired city

EXTRACURRICULAR ACTIVITIES

- Competitive programming
Take part in different competitive programming competitions.
- Swimming
Used to participate in regional competitions.
- Poetry contest
Participated in a sonnet contest related to Shakespeare.
Finished in 3rd place.

London, Winter 2019
- Academic competition participation
Participated in ITMO University's International Open Competitions in Computer Science.
3rd degree winner.

2018
- Academic competition participation

2019

*Participated in HSE Universitys team competition “Highest Probe”.
2nd degree winner.*