

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

Moscow
2021–present

- Analysis of dynamical systems displaying self-organized criticality.
- Under supervision of Alexander Borisovich Shapoval

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)
 - 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 Universitys International Open Competitions in Computer Science.*
 - 3rd degree winner.*

2018
- Academic competition participation
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2019

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