

# Mikhail Gorelyi

Email: gorelyy02@gmail.com

GitHub: github.com/gorelyimikhail



## 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, 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.*
- Academical competition participation
  - Participated in ITMO Universitys International Open Competitions in Computer Science.*
  - 3rd degree winner.*

London, Winter 2019

2018

- Academical competition participation

2019

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