

# Mikhail Gorelyi

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## EDUCATION

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**National Research University Higher School of Economics**

Bachelor's in Applied Mathematics and Information Science

Moscow

2020–present

## EXPERIENCE

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**HSE University**

Research Trainee at Laboratory of Complex Systems Modeling and Control

– Analysis of dynamical systems displaying self-organized criticality

Moscow

2021–present

## SKILLS

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

## LANGUAGES

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

## PROJECTS

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- 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

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

London, Winter 2019