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.

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
  Participated in HSE Universitys team competition "Highest Probe".
  2nd degree winner.

  2019