Mikhail Gorelyi

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GitHub: github.com/gorelyimikhail

EDUCATION

National Research University Higher School of Economics — Moscow
Bachelor's in Applied Mathematics and Information Science — 2020–present

EXPERIENCE

HSE University — Moscow
Research Trainee at Laboratory of Complex Systems Modeling and Control — 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): https://github.com/GorelyiMikhail/jpeg_decoder
  A program, which is capable of decoding a JPEG image. Created as an assignment of an advanced C++ course.
- Scheme parser (C++, 2021): https://github.com/GorelyiMikhail/scheme_parser
  A program, which simulates Scheme language behaviour. Created as an assignment of an advanced C++ course.
- Weather aggregator (Python, Flask, 2021): https://github.com/GorelyiMikhail/weather_collector
  An app which shows a detailed analysis of the upcoming weather in the desired city. Created as an assignment of summer pract

EXTRACURRICULAR ACTIVITIES

- Competitive programming
  Take part in different competitive programming competitions.
- Swimming
  Used to participate in regional competitions.
- Poetry contest — London, Winter 2019
  Participated in a sonnet contest related to Shakespeare.
  Finished in 3rd place.
- Academic competition participation — 2018
  Participated in ITMO Universitys International Open Competitions in Computer Science.
  3rd degree winner.
- Academic competition participation — 2019

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