# Daniil Lyubaev

Saint-Petersburg, Russia

Email: lyubaevda@gmail.com

GitHub: github.com/eqimd

## Education

- **B.S. Mathematics, Algorithms and Data Analysis**
  Saint-Petersburg State University,
  Faculty of Mathematics and Computer Sciences
  3rd year, GPA: 4.25 out of 5

## Programming experience

- Contribution to open-source NeoVim plugin AirLatex
  Created pull requests on bug fixes in Python code

- Huffman archiver
  Implemented Huffman compression/uncompression algorithm

- Chat application on Python
  Taught myself Twisted and PyQt Python libraries and created primitive echo-server/client app

## Knowledge and skills

- Programming: Python, C++, Kotlin, Android.

- Have basic knowledge of operating systems, had experience with Django, PyGame, SFML, know LaTeX.

- Languages

  - Russian: Native

  - English: Intermediate

## Other experience/knowledge/interests

- Proved upper and lower bounds in the article "*Transforming reversible two-way finite automata to one-way deterministic*". A joint paper with Alexander Okhotin is on the way.

- Interested in formal languages theory (automata, grammars), TCS.