

# Daniil Lyubaev

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GitHub: [github.com/eqimd](https://github.com/eqimd)

## Education

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- **B.S. Mathematics, Algorithms and Data Analysis**

Saint-Petersburg State University, Mathematics and Computer Sciences department

3rd year, GPA: 4.3 / 5

- Attended courses:

- Kotlin by Computer Science Center.
- Python by Nikita Sobolev.

## Programming experience

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- MCS Android App (Android, Kotlin)

Created mobile app with login, register, posts, userlist, etc., with mock API and real API

- ldd (C++)

Created a replica of ldd app that reads dynamic ELF section and shows dependent libraries

- Django learning process (Python, Django)

Created a Django app with courses, students, lectures, calls to database without  $N + 1$  – problem

- Socket HTTP file-transer server (Python, sockets)

Made a socket server for transferring files with HTTP header

- Huffman archiver (C++)

Implemented Huffman compression/uncompression algorithm

- Contribution to open-source NeoVim plugin AirLatex (Python)

Created pull requests on bug fixes in Python code

- Chat application (Python)

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

## Knowledge and skills

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

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

- Languages: Russian – Native; English – Intermediate.