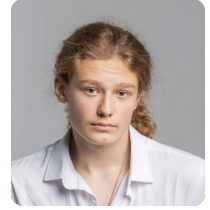


PERSONAL
INFORMATION

Moscow, Russia
🏠 alchemmist.xyz
🌐 [alchemmist](https://alchemmist.in)
in [alchemmist](https://alchemmist.in)
✉️ @alchemmist
☎️ +7(915)067-2638
✉️ anton.ingrish@gmail.com



ABOUT ME

I'm a student and aspiring developer. I've been programming for 4 years, during which I contributed to 44 repositories, made 921 commits, and wrote 176,729 lines of code. I also [teach](#) Python and have trained over 30 students. Co-founder and developer at [Ballkit](#). Former professional [volleyball player](#).

EDUCATION

[Central University](#) — Mathematics and Computer Science, Class of 2028 (*1st year*). Major: Software Development. Track: Computer Science Research.

SKILLS

Go: `http`, `grpc`, `protobuf`, `tgbotapi`, `reflect`, `gofsm`.
Databases: `postgres`, `sqlite`, `redis`, `Yandex Object Storage`.
Message brokers: `RabbitMQ`, `Mosquitto`.
Other technologies: `SQL`, `Java`, `JavaScript`, `bash`.
Dev tools: `Docker`, `Podman`, `Make`, `CI/CD`, `Linux`, `Git`

ACHIEVEMENTS

Reached the **final (1)** of the [Russian Championship](#) in competitive programming, among 5,000 participants. Developed a [microservice architecture](#) of 9 services for a [web application](#) that aggregates sports events across Russia. Also implemented an [algorithm](#) for parsing and verifying annual government reports on sports events. Tech stack: `Kafka`, `React`, `RabbitMQ (FastStream)`, `FastAPI`, `OAuth`.

Winner of the scientific and practical conference “[Science for Life](#)” among 117 projects, with a [smart home project](#) for private and public educational institutions. Tech stack: `Redis`, `Zigbee2MQTT`, `websockets`, `Go`, `Python`, `Flask`, `React`.

3rd place prize winner in the Moscow State Pedagogical University Informatics Olympiad: “Applied Informatics”

EXPERIENCE

Patch Loyalty Loyalty program for small businesses *July 2024 — August 2024*
Developed a Telegram bot based on the SMB (Single Message Bot) model in `Go` for a boxed loyalty system: ballkit.ru.
Technologies: `Go`, `tgbotapi`, `grpc`, `gofsm`.

INTERESTS

Formal Verification: I'm taking the course [softwarefoundations](#). Finished the first volume and [proved](#) 250 theorems in `Coq`.

Linux: I use Arch with the Hyprland compositor. Published my [.dotfiles](#). Built my Neovim [configuration](#) and [colorscheme](#) from scratch. Wrote more than 20 custom [scripts](#).

→ more projects on [GitHub](#)