Maxim Khabarov

https://github.com/haboh

Email : maximkhabarov@yandex.ru
Telegram : @maxim_khabarov

Profile

Passionate student doing programming for my amusement since early childhood. Constantly learning, researching new technologies, and gaining new skills. Seeking to use the right tool in the right place. Focusing on the code quality and efficiency while keeping up with the deadlines.

Education

- **Saint Petersburg State University** — Saint Petersburg, Russia
  Bachelor of Computer Science — *Sep. 2021 – Present*

- **Computer Science Center** — Saint-Petersburg, Russia
  Additional education — *Jan. 2022 – Present*

- **Physics and Maths School** — Tyumen, Russia
  High School — *Sep. 2017 – June 2021*

- **Yandex Lyceum** — Tyumen, Russia
  Additional education — *Sep. 2017 – June 2019*

Selected projects

- **Sport-managment system**: Progressing project for carrying out sport competitions. A university assignment written in team with usage of **Kotlin**, including GUI, H2 database, CSV parsers and logging
- **BMP rotate + stego**: Tool for rotating bmp image and doing stego written on pure **C**
- **Huffman encoder/decoder**: Archiver with canonical Huffman codes designed for fast and memory-efficient encoding and decoding of the big files. An university assignment written in **C++.**
- **Tanks 1990**: Remake of famous game Tanks 1990 written on **Python** with **Pygame**
- **Schedule telegram bot**: Bot for sending school schedule in telegram written on **Python** with **PyTelegramBotApi**
- **Diff util**: Unix diff utility written on **Kotlin**
- **CyberSecurityTool**: Tool for particapating in CTF competitions. Written on **Python** with **PyQt**
- **Key-value data base**: Key-value database written on **Kotlin** and implementing **Extendible hashing algorithm**

Academic Achievements

- **All-Russian School Olympiad in Informatics**
  2nd degree diploma in finals. — *2021*

- **ICPC Nothwestern Europe Regioan Contest**
  13-th place, honorable mention — *2021*

Programming Skills

- **Languages**: C++, Kotlin, Python, Java

Extracurricular Activities

- **Competitve programming**
  *Solving competitve programming tasks for myself, **Codeforces*** — *2018 - Present*

- **Teaching Children**
  *Holding online classes for pupils from all Russia in **Nlogn school** of MIPT* — *Oct. 2021 – Present*