

Sofia Petrenko

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A first year student with extensive experience in algorithms looking for an internship



Education

Bachelors of Science in Computer Science and Artificial Intelligence

Jetbrains' programm in Neapolis University Pafos

Oct. 2023 - June 2027

Cyprus

Experience and Awards

Competetive programming

- Winner of the Russian individual Olympiad for schoolchildren in Informatics and Programming 2023
- Botan Investments 2023 Foundation Award Winner
- Prize-winner of the Technocup 2023
- Codeforces rating: 1931

Teaching

- Teacher in the school of programming $N \log N$
- The compiler of a course on algorithms and data structures for college students
- Experience includes developing tasks for School Olympiads in Informatics

Projects

Building GPT course

Developer

Nov. 2023 - Present

Pafos, Cyprus

- Collaboratively, the team is crafting a course that covers the creation of GPT from scratch, with a unique emphasis on auto-checking tasks.

Imagen Imaginarium

Developer

Dec. 2022

Sirius, Russia

- An analogue of the dixit game was made in the form of a Telegram bot, images for the game were generated using Stable Diffusion
- [Github](#)

Web School

Developer

Mar. 2022 - Apr. 2022

Sirius, Russia

- An educational website made with the help of Flask, which is a graduation project from Yandex Lyceum
- [Github](#)

Skills

Languages English | Russian

Programming Languages C/C++ | Python

Algorithms and DS Segment tree | Centroid decomposition | Mo's algorithms | and so on

Machine learning Pytorch | NLP | Numpy | Pandas

Other Docker | Git | Linux | Terminal | | SQLite | Python (Flask)