

Semyon Tsekhnenko

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EDUCATION

Higher School of Economics

Bachelor of Computer Science (Applied mathematics and informatics)

Moscow, Russia

Expected June 2025

EXPERIENCE

Software Engineer Intern | *C++*, *Python* |

Yandex

June 2021 – October 2021

Moscow, Russia

- Worked on advertising technologies
- Participated in splitting banner system engine into two independent parts
- Developed a bot for incident response
- Developed some tools for debugging banner system engine

EXTRACURRICULAR EDUCATION

Tinkoff Generation, Algorithms

Advanced algorithms and data structures

Moscow, Russia

2018—2021

Tinkoff Generation, Machine & Deep Learning

Moscow, Russia

2018—2019

OLYMPIADS & CONTESTS

Russian National Olympiad in Informatics 2021

Prize-Winner

April 2021

Moscow, Russia

Technocup 2021

Winner

March 2021

Moscow, Russia

Russian CTF Cup 2019

Participant

December 2019

Moscow, Russia

Shadow CTF 2019

2nd place

March 2019

Moscow, Russia

PROJECTS

Backend for Sagaer (Mobile application) | *Python*, *Go* | [AppStore](#)

May 2022 — Current

- Used Python with FastAPI and Golang with Gin Gonic
- Used MongoDB database
- Used Docker Compose for microservice orchestration

Self-written `std::set` | *C++* | [github](#)

February 2022

- Based on Red-Black trees

Archiver | *C++* | [github](#)

October 2021

- Program that compresses files
- Using Huffman encoding

TECHNICAL SKILLS

Languages: C++, Python, Golang

Common skills: Algorithms & Data Structures

Developer Tools: Git, Docker, GDB, CMake, Bash

Databases: SQL, MongoDB