

ARTEM AGEYEV

C++ Backend developer

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Belgrade Serbia



EDUCATION

National Research University Higher School of Economics

Major: Applied Mathematics and Information Science

September 2020 – June 2025 Moscow, Russia

GPA: 4.13/5

WORK EXPERIENCE

C++ Software Developer

Yandex

Apr 2023 – present (2.5y+) Belgrade, Serbia

04.2023-10.2024 - **C++ Backend dev for Yandex Products**

Developing latency-critical product search algorithms in C++. Implementing new functionality in large codebases (millions LOC).

Notable project: AI-based product search with LLM suggestions and answers.

Notable project: Python framework to deploy telegrams bots.

10.2024-now - **Big data engineer/Backend developer for image search.**

Developing and maintaining build infrastructure for a multi-Petabyte database of images. Optimization of C++ map-reduce processing, Python scripting.

Notable project: Integration testing for the entire build process, allowing per-commit error search.

Notable project: Improved image garbage collection, saving 40% of disk space.

C++ developer/DevOps

Aria group trading

Sep 2022 – Apr 2023 (0.5y) Remote

C++ development for low-latency trading system. Implementation of trading algorithms and market connectors. Runtime profiling, stress-testing and optimization.

Linux server management and monitoring systems.

Software Test Engineer

Kaspersky

Jul 2022 – Sep 2022 (0.25y) Moscow, Russia

Test automation in C/C++ for Kaspersky AV SDK. Manual testing & test design. Worked as an intern, had to quit due to relocation.

Lecturer (6 courses in total)

Department of Informatics of the Olympiad Schools, MIPT

Mar 2020 – May 2021 (1.25y) Moscow, Russia

300 hours of lectures on topics of competitive programming (C/C++) and information security (Linux, C/C++, Python).

PROJECTS

3D Drawer

A project to create 3D images only with hands

<https://github.com/leviathan0117/3D-Drawer>

- Gold medal in BYSCC 2019 (Beijing, China)
- Finalist in Intel ISEF 2019 (Phoenix, USA)
- Winner of 'Scientists of the future 2018' science fair (Moscow, Russia)

Detection of images made with generative AI

Bachelor-thesis

<https://github.com/codereptile/bachelor-thesis>

STRENGTHS

- Main development languages:

C/C++ Python

- Other:

Linux Git Bash scripting SQL

SOFT SKILLS

Public speaking Leadership Teamwork Critical thinking

CITIZENSHIP

USA Russia

LANGUAGES

Russian English