ARTEM AGEYEV

C++ Backend developer

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github.com/codereptile ▶ Code Reptile

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.

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 ●●●●●