

IBRAHIM AHMAD

📍Russia

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ABOUT ME

My name is Ahmad. I love music, gym, cycling and electronics :)

WORK EXPERIENCE (2 YEARS TOTAL)

SWE at Yandex Ads Infrastructure

January 2023 - September 2024

Yandex Ads and Search

C++, Python, CI/CD, SQL

- Developed static analysis tool based on libclang for converting python DSL to C++ code
- Developed regularly run tools for CI: benchmarks, build artifact size monitoring, diff-tests 🔗 ↗
- Was responsible for the compute/storage quota management for our CI/CD processes
- Taught and managed an intern who has now become a permanent employee in our department
- Organized irregular "cleaning days" (so called "subbotniks"), where we eliminated our tech-debt bit by bit
- Organized editorials for our team about relevant technologies

Yandex DeepDive intern

February 2022 - June 2022

Yandex.Market

C++, Python, shell

Worked with two infrastructure teams. In the first I have written a config validator and refactored some integration tests. In the second team I was helping in implementing and testing an internal library (and also did minor refactorings in business logic).

Intel summer intern

July 2021 - September 2021

Intel


C++, ISPC

Gained my first experience in enterprise

PERSONAL PROJECTS

- cplusplus 🔗 ↗ (C++17, CMake, Python, shell) - a small standalone C++ library with miscellaneous utilities
- std::variant implementation 🔗 ↗ (C++20)
- LL(1)-grammars parser generator 🔗 ↗ (C++20, CMake, shell)
- Proof converter 🔗 ↗ (C++17, Make, shell)
- Arbitrary precision integer arithmetic 🔗 ↗ (C++11)
- Big precision integer arithmetic 🔗 ↗ (x86 Assembler)
- Online chat 🔗 ↗ (Java Spring, Vue.js)

SKILLS

Tools	git, bash, CMake, Make, vcpkg, Jupyter, tmux, docker
Programming	C++ (mostly C++17/20), Python, Bash, SQL, Assembler
Frameworks & libs	GoogleTest, ProtoBuf, abseil-cpp  , range-v3, PyTest, PyHamcrest
Acquainted with	Haskell, Java/Kotlin, TS/JS+HTML+CSS, Vue.js, Grafana, YTSaurus
Other	LSP and linters (clangd, flake8 etc.), \LaTeX
Languages	Russian (Native), English (C1-C2)

EDUCATION

ITMO University	Saint Petersburg, Russia
Bachelor in Applied Mathematics and Informatics	<i>expected graduation: June 2025</i>