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📁 <https://github.com/piezzacondoleezza>

Education

2020–2024 **BSc in Applied Mathematics and Computer Science**, *Higher School of Economics*, Moscow, Russia.

- Selected as a member of group with advanced curriculum in computer science.
- Distributed systems as academic program track

Work experience

Dec 2021 – **Yandex.Ads**, *Software Engineer*, Moscow, Russia.

- Present
- Worked on CPU and latency optimizations of ads models, restructured multithreading graph of feature calculations, won 10 percent of CPU and 2 milliseconds of latency in average response time.
 - Worked on ads models services monitoring and alert systems, created comfortable environment for every week duties.
 - Implemented system of a consistency testing of ads models services with Yandex ads engine

Feb 2021 – July 2021 **Yandex.Search**, *Software Engineer Intern*, Moscow, Russia.

- Worked with document bases using map-reduce, made discoveries about memory and latency optimizations in document storages
- Developed per-request debug system using traces and stats from all parts of yandex search(valuable information about document selection)

Projects

2022 **File signature multithreading hashing**, *Personal project*.

- Implemented simple signature hashing using linux mmaping.
- Technology stack*: C/C++, Linux, POSIX API, bash.

2021 **Simple order book modeling**, *Personal project*.

- Simple order book implementation.
- Technology stack*: C/C++, bash.

Skills

Languages English (Upper-Intermediate), Russian (native)

Programming languages C/C++, Python, basic SQL, Assembly

Tools Git, Svn, ProtoBuf, Bash, LaTeX, Yaml

Technologies Unix/Linux, HTTP/GRPC API, PostgreSQL, Balancers, Multithreading, Caches, NUMAs, Monitoring and Deployment systems

Achievements and awards

2020 **Russian National Olympiad in Informatics**, *winner diploma*.

2020 **Codeforces master rank**.