

Saveliy Romanov

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EDUCATION

- Yandex School of Data Analysis** Moscow, Russia
Master's level program in Computer Science and Data Analysis 2021 – 2023 (Present)
- Moscow Institute of Physics and Technology** Moscow, Russia
Bachelor in Applied Math and Computer Science 2019 – 2023 (Present)
- University of California Irvine** Irvine, CA
Coursera course on Go language, certified 2021 Jun – 2021 Jul
- Samsung IT School** Moscow, Russia
Completed Android development course with a gold medal. 2019 Sep – 2019 Jul

EXPERIENCE

- Ozon, Search** Moscow, Russia
Software Engineer Jul 2021 – Present
 - Go PostgreSQL Kafka Redis Memcached gRPC
 - Created service from scratch for handling product categories. It is utilized widely across the website by many other key services.
 - Disabled 100.000+ redundant filters that were cluttering up the user interface.
 - Enabled search filters localization. Implemented a new handler that is called on each search request to delivery search filters and supported filter translation in the admin service.
 - Implemented dynamic products delivery speed filter.
 - Reduced network traffic on key microservice by the factor of two.
- Moscow Institute of Physics and Technology** Moscow, Russia
Teaching assistant Sep 2021 – Present
 - Linux C Assembly
 - Teaching assistant - The Architecture of Computers and Operating Systems:** discuss lecture material with students on 1:1 meeting sessions, review code.
- Biletarium** Moscow, Russia
Software Engineer (Contract) Jan 2021 – Jul 2021
 - Python FastAPI MongoDB
 - Implemented a service for buying museum tickets.
- GlowByte consulting** Moscow, Russia
Software Engineer (Internship) Jul 2020 – Oct 2020
 - Python Django Numpy BeautifulSoup
 - Developed a service for searching for a promising location to open a new retail store.
- Cordet (MedTech startup)** Mountain View, CA (Remote)
Software Engineer (Contract) Apr 2020 – Jul 2020
 - Go PostgreSQL Docker Redis Prometheus
 - Developed registration module and a microservice for user forms processing.
 - Set up the infrastructure for monitoring service health.

PROJECTS

- **TikTok comments fetcher:** Open source script for parsing TikTok comments from the web version.
- **MathDailyBot:** Telegram bot that sends you math problems daily and verifies your answers. Problems are taken from the pool.
- **JIT C compiler:** C expressions ARM compiler that is written in C. It translates C code into syntax tree, than into assembly instructions and finally into machine codes.
- **Formal automata minimization:** Deterministic finite automaton minimization. It was a task from Formals MIPT course.

PROGRAMMING SKILLS

- **Languages:** Go, Python, C++, C, Rust, Java, Typescript
- **Technologies:** PostgreSQL, Kafka, Docker, Redis, Memcached, gRPC, Django, Selenium, MongoDB, SQL, Prometheus, Grafana, CI/CD