

Oganes Mirzoyan

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EDUCATION

Bauman Moscow State Technical University

Specialist of Computer Security

Sep. 2020 - May 2026

Moscow, Russia

Yandex School of Data Analysis

Big Data Infrastructure

Sep. 2022 - May 2024

Moscow, Russia

Rust C++ Assembly Algorithms and Data Structures Computer Architecture and Operating Systems

VK Technology Park

Systems Architect

Sep. 2021 - May 2022

Moscow, Russia

C C++ Algorithms and Data Structures Computer Networks Concurrency Distributed Systems
Databases Go Frontend Development Communication Skills UX/UI

EXPERIENCE

Ozon Fintech

Software Engineering Intern | Core Banking System

July 2022 – Present

Moscow, Russia

Finance Billing Go Microservices Kubernetes Kafka PostgreSQL SRE

ProCSy JSC

Software Engineering Intern | Distributed Document-Oriented Service

July 2021 – Sep. 2021

Moscow, Russia

Go Cryptography Document Parsing and Generation Hyperledger Fabric

- Worked in a team of 3 developers to implement the API for a power of attorney management service.
- Learned new technologies and patterns for documenting and testing the code.
- Improved soft skills communicating with the frontend development team and the project manager.

PROJECTS

Social Network

Coursework

Feb. 2022 – May. 2022

Moscow, Russia

Go Microservices TypeScript

- Implemented API for a social network service.
- Built a React-like framework in TypeScript from scratch with jsx and hooks - github.com/senago/treact.
- Designed and implemented a responsive website.

Distributed Fault-Tolerance Computing

Coursework | gitlab.com/senago/abeille

Sep. 2021 – Dec. 2021

Moscow, Russia

C C++ Raft gRPC Concurrency Distributed Systems IPC

- Implemented Raft for consensus over the tasks for worker nodes.
- Implemented client and server sides for users and workers (including IPC for worker nodes).
- Got acquainted with the RPC protocol (and, specifically, with gRPC).

Restock Monitor

School Project

Sep. 2017 – Aug. 2018

Moscow, Russia

Go REST Web Scraping Concurrency Headless Browsers UX/UI

- Developed a multitask web scrapper for more than 100 websites.
- Got used to headless browsers (such as *chromedp*).
- Developed a sophisticated web application for controlling the restock monitor.

ACCOMPLISHMENTS

Silver Medal at **IMC 2022**

Aug. 2022

Second Place in the **Junction** Hackathon (*Hybrid Event Experience Gamefied* Challenge by Brella)

Nov. 2021

Diploma in the Round 2 among University Students of **NSUCRYPTO** (*International Olympiad in Cryptography*)

Oct. 2021

Bronze Medal at **IMC 2021**

Aug. 2021

SKILLS

Programming Languages: Go C C++ Rust JavaScript/TypeScript Python Bash

Databases: PostgreSQL MongoDB ClickHouse Redis

Technologies: Kafka gRPC Protobuf Docker Kubernetes React Django

Misc.: Linux SQL GraphQL HTML/CSS Nginx Prometheus Swagger Figma

Spoken Languages: Russian (native speaker) English (fluent)

INTERESTS

Backend Development Highload and Distributed Systems Site Reliability Engineering

Homomorphic Encryption Abstract Algebra Cryptography