Oganes Mirzoyan

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EDUCATION

Bauman Moscow State Technical University   Sep. 2020 - May 2026
Specialist of Computer Security   *Moscow, Russia*

Yandex School of Data Analysis   Sep. 2022 - May 2024
Big Data Infrastructure   *Moscow, Russia*
Rust | C++ | Assembly | Algorithms and Data Structures | Computer Architecture and Operating Systems

VK Technology Park   Sep. 2021 - May 2022
Systems Architect   *Moscow, Russia*
C | C++ | Algorithms and Data Structures | Computer Networks | Concurrency | Distributed Systems
Databases | Go | Frontend Development | Communication Skills | UX/UI

EXPERIENCE

Ozon Fintech   July 2022 – Present
Junior Software Engineer | Core Banking System   *Moscow, Russia*
Finance | Billing | Go | Microservices | Kubernetes | Kafka | PostgreSQL | SRE

ProCSy JSC   July 2021 – Sep. 2021
Software Engineering Intern | Distributed Document-Oriented Service   *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   Feb. 2022 – May. 2022
Coursework   *Moscow, Russia*
Go | Microservices | TypeScript | UX/UI | Responsive Design

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

Distributed Fault-Tolerance Computing   Sep. 2021 – Dec. 2021
Coursework | gitlab.com/senago/abeille   *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   Sep. 2017 – Aug. 2018
School Project   *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

Third place in the **Web3Souls** Hackathon (Web Service for Providing Smart Contracts Audits)   Dec. 2022

Top 10% (5/61) in the **Sovcombank Team Challenge 2022** Hackathon (Web Service for Currency Trading)   Nov. 2022

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 | Svelte
Misc.:   Linux | SQL | GraphQL | HTML/CSS | Nginx | Prometheus | Grafana | Swagger | Figma
Spoken Languages: Russian (native speaker) | English (fluent)

INTERESTS

Backend Development | Highload and Distributed Systems | Site Reliability Engineering
Homomorphic Encryption | Abstract Algebra | Cryptography