

ROSTISLAV TERYAEV

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Work Experience

Wildberries

Software Engineer | backend team

Moscow, Russia

August 2019 – Present

- Wrote and refactored many API services of financial department
- Created a course for interns which covers full technology stack
- Taught five interns to write clean and idiomatic Go code
- With help of team dramatically reduced technical debt in the department
- Standardized a project structure of a service and its inner architecture by creating service template which reduced development time
- Was responsible for all ops related tasks

PerformanceLab

Performance testing intern

Moscow, Russia

July 2019 – August 2019

- Production system testing. Data visualization and report preparing;
- SQL intensive course (DDL, DML, TCL);
- Studied how to work with performance testing software JMeter and HP Loadrunner.

Lappeenranta University of Technology

Undergraduate Researcher

Lappeenranta, Finland

LUT School of Energy Systems

February 2018 – August 2018

- Developed an approach for fast electrical drives' mathematical model generation
- Designed a universal graphs-based solver for these models and for any other linear electrical circuits with respect to computational efficiency and low memory usage

Moscow Power Engineering Institute (Technical University)

Undergraduate Researcher

Moscow, Russia

Department of High Voltage Engineering and Electrical Physics

September 2015 – July 2016

- Designed a mathematical model of an electrical grid component (150 kV voltage divider)
- Automatically generate by MATLAB code and analyze its real-world model in Simulink

IT Skills

- Golang Main programming language at current workplace. Develop microservices, REST APIs, write idiomatic code;
- C / C++ STL, understand OOP principles. One year experience including MOOC courses and courses at the universities;
- Linux Experienced user; grep, ssh, systemd, etc; I use linux as a main OS;
- MATLAB Five year experience in developing complex applications related to computational mathematics with respect to algorithmic efficiency. Use its main advantageous: vectorization, logical indexing etc. Strong visualization skills;
- Docker Understand concepts, can write Dockerfiles and create lightweight images
- Kubernetes Understand concepts, have skills of writing manifests and determining problems in (not)working deployments
- Git Command line and CI/CD;
- SQL Worked with PostgreSQL and MS SQL queries;
- Prometheus and Grafana
- Elasticsearch and Kibana
- NATS
- Strong knowledge of data structures and algorithms;

Also I like reading books: bit.ly/rostislav-books

Education

Moscow Power Engineering Institute (Technical University)

M.Sc. Electrical Power Engineering and Electrical Engineering

Moscow, Russia

September 2018 – July 2019

Weighted GPA: 4.84 / 5.0

- Key Courseworks: Numerical Methods, Methods of Mathematical Optimization

Lappeenranta University of Technology

M. Sc. Electrical Engineering

Lappeenranta, Finland

September 2017 – August 2018

Weighted GPA: 3.98 / 5.0

- Key Courseworks: GPGPU computing, Embedded System Programming, Automation, Principles of Technical Computing

Moscow Power Engineering Institute (Technical University)

B.S. Electrical Power Engineering and Electrical Engineering

Moscow, Russia

September 2012 – July 2016

Weighted GPA: 4.53 / 5.0

- Key Courseworks: Linear Algebra, Computer science, Special Mathematics, Further Mathematics, Statistics and Probability Theory.