ROSTISLAV TERYAEV

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Education

Moscow Power Engineering Institute (Technical University) — **Moscow, Russia**
M.Sc. Electrical Power Engineering and Electrical Engineering — *September 2018 – July 2019*

Weighted GPA: 4.84 / 5.0

- Relevant Coursework: Numerical Methods, Methods of Mathematical Optimization

Lappeenranta University of Technology — **Lappeenranta, Finland**
M. Sc. Electrical Engineering — *September 2017 – August 2018*

Weighted GPA: 3.98 / 5.0

- Relevant Coursework: GPGPU computing, Embedded System Programming, Automation, Principles of Technical Computing

Moscow Power Engineering Institute (Technical University) — **Moscow, Russia**
B.S. Electrical Power Engineering and Electrical Engineering — *September 2012 – July 2016*

Weighted GPA: 4.53 / 5.0

- Relevant Coursework: Linear Algebra, Computer science, Special Mathematics, Further Mathematics, Statistics and Probability Theory.

Work Experience

Wildberries — **Moscow, Russia**
Software Engineer | backend team — *August 2019 – Present*

- Developing microservices to migrate from a monolithic system to a microservices architecture;
- APIs and synchronization services for finance department.
- Created a course for interns which covers full technology stack

PerformanceLab — **Moscow, Russia**
Performance testing intern — *July 2019 – August 2019*

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

Lappeenranta University of Technology — **Lappeenranta, Finland**
Undergraduate Researcher
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) — **Moscow, Russia**
Undergraduate Researcher
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)
- Used MATLAB to automatically generate and analyze its real-world model in Simulink

IT Skills

- Golang — Main programming language at current workplace. Develop microservices, REST APIs.
- C / C++ — STL, understand OOP principles. One year experience including MOOC courses and courses at the universities;
- 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;
- Python — Beginner. Use python to train algorithms at LeetCode.com.
- SQL — Worked with PostgreSQL and MS SQL queries
- Git — Command line and GitLab CI/CD.
- Docker — Understanding concepts and have skills of creating lightweight images;
- Kubernetes — Understanding concepts and have skills of writing manifests;
- Linux — Experienced user;
- Strong knowledge of data structures and algorithms; used Prometheus and Grafana for monitoring metrics; familiar with NATS for message queuing; used Elasticsearch and Kibana for logging.

Awards & Scholarships

- Grant from the Finnish-Saint Petersburgish Foundation of the Association of Electrical Engineers: €1.000 — 2018
- Scholarship of the President of the Russian Federation: €1.200 — 2018
- Double Master's Degree: Scholarship: €10.000 — 2017 – 2018
- Master's degree: full state-funded scholarship — 2016 – 2018
- Bachelor's degree: full state-funded scholarship — 2012 – 2016