Tereshkov Roman

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EDUCATION

- **Siberian State University of Telecommunications and Information Sciences** — Novosibirsk, Russia
  M.S., Computer Science and Computer Engineering (Computers, complexes, systems and networks) — *Sep 2016 — Jun 2018*

- **Siberian State University of Telecommunications and Information Sciences** — Novosibirsk, Russia
  B.S., Computer Science and Computer Engineering (Computers, complexes, systems and networks) — *Sep 2012 — Jun 2016*

EXPERIENCE

- **Eltex Enterprise Ltd** — Novosibirsk, Russia
  Software Engineer — *Jul 2020 — Current*

  - **ECCM**: Participated in development of software solution for monitoring and managing network devices manufactured by Eltex. Mostly I worked on the product quality: troubleshooting, code refactoring and optimizations, hundreds of code reviews etc. One of my main accomplishments was consolidation the rules of how to write clean and easy to read unit- and integration tests. I also promoted the idea of TDD and clean code in our team. Finally, I worked on a plan and technical aspects of licensing the software we developed.

  Kotlin | Python | Go | Spring | Gradle | PostgreSQL | RabbitMQ | gRPC | Zabbix | Docker | Linux | Git

- **Center of Financial Technologies** — Novosibirsk, Russia
  Software Developer / Software Designer — *Aug 2019 — Jul 2020*

  - **AML**: The Anti-Money Laundering system designed to predict customer behavior and identify suspicious transactions in banks. The project has a microservices-based architecture and intended to work with big data under high load. I took part in designing new product features, engaged in research activities, developed different components of the system; solved several significant tasks for such banks as Gazprombank and Uralsib. To improve the knowledge base of our system I documented a lot of features on a local wiki page. Involved in troubleshooting, code refactoring, code reviews, staff training and many other things. Here I also got my first remote work and business trips experience.

  Kotlin | Python | Java | Spring | Maven | PostgreSQL | ArangoDB | ClickHouse | Kafka | REST | Docker | Git

- **Eltex Enterprise Ltd** — Novosibirsk, Russia
  Embedded Software Engineer — *Jan 2019 — Aug 2019*

  - **ME5K**: Worked on software components of multi-functional IP/MPLS routers. I implemented a routes installation service (main board) and supplied it with fault tolerance logic (backup board). Created a utility injected in the initramfs for file system modification check and error recovery control. I also improved a resource management service written in Python.

  C | Python | SQLite | Docker | Linux | Git | TCP/IP

- **Siberian State University of Telecommunications and Information Sciences** — Novosibirsk, Russia
  Teacher Assistant — *Feb 2018 — Jun 2018*

  - **Pedagogical practice**: I gave to students fundamental knowledge of how to work in Linux environment, use main Linux commands and write basic shell scripts. I also provided the information about Linux internals and briefly talked about device drivers, IPC, I/O devices, memory management, networking etc.

- **Friday's Games** — Novosibirsk, Russia
  Intern / Jr. C++ Developer — *Oct 2017 — Dec 2017*

  - **Farmscapes**: Three in a Row "Gardenscapes"-like game. During the internship I got my first teamwork experience, learned basics of C++ programming and OOP principles. My responsibilities were related to UI & map editor enhancements.

KEY SKILLS

- ⋆ **Programming Languages**: Kotlin, Python, C
- ⋆ **Databases**: PostgreSQL
- ⋆ **Frameworks**: Spring (Boot, Data), Hibernate, JUnit/MockK
- ⋆ **Infrastructure**: Docker, Git, Linux, TCP/IP
- ⋆ **Common**: Algorithms & Data Structures, Asynchronous Programming, Microservices, Multithreading, Object-Oriented Programming, Software Development, Software Licensing, Unit Testing

LANGUAGES

Russian (Native), English (B1/B2 - Intermediate)

Last update: February 1, 2021