

Olga Telezhnaia

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Saint Petersburg, Russia

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EDUCATION

- 2019 – 2021 **Master of Computer Science**, ITMO University
2014 – 2016 **Computer Science Center** [✉](#), Software Engineering specialization [✉](#)
2012 – 2016 **Bachelor of Computer Science**, GPA 4.8/5.0
Peter the Great Saint-Petersburg Polytechnic University

WORKING EXPERIENCE (2.5+ years total)

- **Senior SWE at Security Code** (Python, Flask, RabbitMQ, PostgreSQL, SQLAlchemy, Marshmallow) — Developing backend for web client of security tool. Sped up transport component between core and Python backend up to 200% by replacing self-written component to GRPC. Improved data validation component by using OpenAPI. (Sep 2018 – now)
- **TE at Microsoft** (Python, C#, ML, Linux, Azure) — Developed internal projects, shared expertise at conferences, wrote technical articles. (Feb 2017 – Sep 2018)
- **SWE intern at Yandex** (C++, Python, MapReduce, Bash, svn, regex) — Improved quality of search by geographical objects with help of linguistic features of Russian language. Supported sides of the world in queries. (Summer 2016)
- **SWE intern at JetBrains** [✉](#) (Java, JUnit, Erlang, git) — Developed IntelliJ plugin for Erlang programming language. Created multiple inspections, autocompleting, links resolution requested by users. (Summer 2015)

PERSONAL PROJECTS

Contributions to Git [✉](#) (C, Shell, Git) — Optimizing formatting system of Git (up to 3 times faster now), increased functionality of cat-file, for-each-ref, ls-remote etc, unifying codebase, decreasing memory leaks. I am also the mentor in GSoC in summer 2019 [✉](#), my student has chosen the project about parallelization [✉](#).

Scheduler in Linux Kernel [✉](#) (Linux, C, Git) — Created the prototype of block IO scheduler for groups of disks. It allows giving priority manually to one group of disks for read/write processes at high load points.

Social activity [✉](#) — I am the organizer of Django Girls [✉](#), Google WTM [✉](#) and PyLadies [✉](#), STEM book reviewer [✉](#) and YouTube creator [✉](#). Full list of my impact is in the link [✉](#).

SKILLS

Python · C/C++ · Git · Algorithms · Data Structures · Linux · Image Analysis · Linguistics · Parallel Programming · Machine Learning · SQL · Conferences (organizer, speaker, listener) · System Programming

Languages: Russian native, English fluent