

Olga Telezhnaia

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Saint Petersburg, Russia

olyatelezhnaya@gmail.com [✉](#)
github.com/telezhnaya [✉](#)

WORKING EXPERIENCE (4+ years total)

- **SWE at JetBrains** [✉](#), Educational Plugin (Kotlin, Java, git) — Added support of Go language courses, improved integration with Stepik [✉](#) and JetBrains Academy [✉](#), maintained checker subsystem. (Aug 2019 – now)
- **Senior SWE at Security Code** (Python, PostgreSQL, SQLAlchemy, Marshmallow) — Developed backend for web client of security tool. Sped up transport component between core and Python backend by up to 200% by replacing a self-written component with GRPC. Improved data validation component by using OpenAPI. (Sep 2018 – Aug 2019)
- **Technology Evangelist at Microsoft** (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. Added support for cardinal directions in queries. (Summer 2016)

PERSONAL PROJECTS

Contributions to Git [✉](#) (C, Shell, Git) — Optimized formatting system of Git (up to 3 times faster now), increased functionality of cat-file, for-each-ref, ls-remote etc, unified codebase, decreased memory leaks. I was the mentor in GSoC in summer 2019 [✉](#), my student worked on the project about parallelization of ‘git grep’ [✉](#).

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 [✉](#), PyLadies [✉](#), Google WTM [✉](#) and Women in Tech [✉](#), STEM book reviewer [✉](#) and YouTube creator [✉](#). Full list of my impact is in the link [✉](#).

EDUCATION

2012 – 2016 **Bachelor of Computer Science**, GPA 4.8/5.0

Peter the Great Saint-Petersburg Polytechnic University

2014 – 2016 **Computer Science Center** [✉](#), Software Engineering specialization [✉](#)

SKILLS

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

Languages: English fluent, Russian native