# Olga Telezhnaia

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Saint Petersburg, Russia

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## WORKING EXPERIENCE (3.5+ years total)

- **SWE at JetBrains**, Educational Products (Kotlin, Java, git) — Supported Go language in Educational plugin, improved intergation with Stepik⇗ and JetBrains Academy⇗. (Aug 2019 – now)
- **Senior SWE at Security Code** (Python, Flask, RabbitMQ, PostgreSQL, SQLAlchemy, Marshmallow) — Developed 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 – 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. Supported sides of the world in queries. (Summer 2016)

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

Languages: English fluent, Russian native