


# Olga Telezhnaia


November 2018  
Saint Petersburg, Russia

olyatelezhnaya@gmail.com   
github.com/telezhnaya   
+7 905 287 27 73

## PERSONAL PROJECTS

---

**Contributions to Git**  (C, Shell, Git) — Optimize formatting system of Git (up to 3 times faster), increase functionality of cat-file, for-each-ref, ls-remote etc, unify codebase, decrease memory leaks.

**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.

## WORKING EXPERIENCE (2+ years total)

---

- **Senior SWE at Security Code** (Python, Flask, RabbitMQ, PostgreSQL, SQLAlchemy, Marshmallow) — Backend web development. (September 2018 - now)
- **TE at Microsoft** (Python, C#, Machine Learning, Linux, Azure) — Developed internal projects, spoke at conferences, wrote technical articles. (February 2017 - September 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 sides of the world. (July – October 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. (July – September 2015)

## EDUCATION

---

### Peter the Great Saint-Petersburg Polytechnic University




Bachelor of Software and Administration of Information Systems (2012—2016)  
GPA 4.8/5.0

### Computer Science Center



Software Engineering specialization  (2014—2016)

**Courses passed:** Algorithms and Data Structures (in 2 parts) · Fundamentals of Discrete Mathematics · Computer Architecture and OS · C++ (in 2 parts) · Image Analysis (in 2 parts) · Python · Parallel Programming · Android Development · Machine Learning (Course of Moscow Data Analysis School)

**MOOCs:** Algorithms and Data Structures  · Machine Learning by Andrew Ng, Stanford  · Mathematics for everyone by Aleksey Savvateev 

## PREFERRED TECHNOLOGIES & CONCEPTS

---

C/C++ · Python · Git · Algorithms · Data Structures · Linux · OOP · Image Analysis · Machine Learning · Linguistics · SQL · Conferences (listener, speaker, organizer) · System Programming  
**Languages:** Russian native, English fluent