

Olga Shimanskaia

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Education

Saint Petersburg State University

Bachelor of Computer Science, GPA 4.9/5.0

Saint Petersburg, Russia

Sept. 2018 - July 2022 (Present)

Relevant subjects: Kotlin, Algorithms and Data Structures, Web technologies, C/C++, Python, Haskell, Discrete and Higher Mathematics, Complexity Theory, Statistics, Data bases, Machine Learning, Computer Vision, Deep Learning

Thesis: "Editor for working with natural languages", scientific supervisors are from Grazie Team, JetBrains.

Public School with deep learning of foreign languages (English)

Gold medalist, GPA 5.0/5.0

Omsk, Russia

Sept. 2007 - June 2018

State examination results: Mathematics (99/100), Russian (96/100), Informatics (88/100), Physics (84/100)

Experience

Google

SWE Intern, Jetpack Compose team

London, UK (remote)

July 2021 - Sept. 2021

Kotlin

- Implemented Exposed Dropdown Menus component by using TextField and DropdownMenu components
- Interacted a lot with people from different teams to discuss new API, required changes and extensions of the existing APIs
- Filed 10 bugs found in Jetpack Compose and fixed 2 of them
- Wrote tests, documentation, samples and the Design Doc
- Managed to implement the component for Android and merge it by the end of the internship, so the users will be able to use this highly requested feature in one of the next releases

JetBrains

Project Intern, Grazie team

St. Petersburg, Russia (remote)

March 2021 - May 2021

TypeScript ANTLR

- Implemented a few versions of the LaTeX parser for Grazie Chrome plugin by using next parser generators: TreeSitter, ANTLR, PEG.js
- Evaluated their performance, which appeared to be low for all of them
- Wrote my own tokenizer, based on RegExp's, which worked by 150 times faster and was applicable for the plugin usecase

LAMBDA HSE

SWE Intern, BigSister project

Moscow, Russia (remote)

March 2020 - May, Oct. - Feb. 2021

Kotlin Kotlin/JS+React TypeScript Gradle MongoDB

- Developed client part using TypeScript, Polymer and Bulma/SASS, replacing plain HTML version of the app with user-friendly interface
- In October switched to the Kotlin/JS+React client and interacted with backend devs to conform API.

Google

STEP Intern

London, UK (remote)

July 2020 - Sept. 2020

Java React Google APIs Mockito

- Developed client part with React and Material-UI
- Implemented backend features using Google APIs
- Secured sensitive data with configuration files, tested Java Servlets using Mockito library
- Organized workflow for the team by adding Java CI, suggesting new features, controlling timeline and doing code reviews. As a result, we managed to finish the MVP on time and add extra features.

Link: <https://github.com/googleinterns/step217-2020>

Programming Skills

Technologies: Kotlin, Java, JavaScript/TypeScript, React, HTML, CSS, familiar with Python

Libraries: Polymer, Material-UI, JUnit, Mockito

Knowledge: Algorithms and Data Structures, Git, LaTeX

Languages Skills

English: Proficient (IELTS 7.5/9, C1)

Spanish: Beginner (A2, not documented)

German: Elementary (A1, attend German language course at the University)

Extra-Curricular

Volunteer at the "Joker 2019" (conference for Java developers) and "C++ Russia 2019"

Member of faculty Student Union, Freshmen mentor