

# Polina Guseva

✉ p.guseva00@gmail.com    🗣 no-brainer    📞 +7 (905) 588-08-48

## Education

### National Research University "Higher School of Economics"

*Bachelor of Science in Applied Mathematics and Computer Science. 8.34/10 GPA*

**Moscow, Russia**

*2018 – 2022*

Relevant courses:

- Algorithms and data structures
- C++ programming
- Computer architecture and operating systems
- Linear algebra
- Python programming
- Differential equations

## Work experience

### Yandex

*Software Engineering Intern*

**Moscow, Russia**

*Summer 2019*

- Built Web API for signing and publishing iOS applications by teaching myself Ruby and Django REST
- Implemented automatic signing of an application with the correct company certificate, bulk uploading to TestFlight, and publishing of fully-tested versions

### National Research University "Higher School of Economics"

*Teaching Assistant for the Algorithms and the Discrete maths courses*

**Moscow, Russia**

*October 2019 – March 2020*

- Mentored over 30 students and led weekly study sessions
- Graded homeworks and reviewed code in thematic contests

## Relevant Projects

### Focus

*An EduTech startup that helps schoolchildren improve soft skills in an engaging way*

**Moscow, Russia**

*2019 - Now*

- Developed a mobile application for Android and iOS with C# and Xamarin
- Built a RESTful API for applications with Flask, PostgreSQL, and Amazon S3 and deployed it to Heroku
- Supervised frontend development

### Fine motor movements classification

*An university project*

**Moscow, Russia**

*December 2019 - May 2020*

- Developed an Android app in Kotlin for data collection and labeling
- Built an Android app in Kotlin for real-time classifying fine motor movements
- Developed movement reconstruction app with Python and Processing

## Relevant Activities

### Educational Center "Sirius"

*Participant of state-of-the-art scientific research school by Yandex*

**Sochi, Russia**

*November 2019*

- Worked on a simplified version of Amazon Aurora database with PostgreSQL compatibility
- Implemented communication between database nodes and caching in C89 with asynchronous programming

## Key Skills

**Programming Languages:** C++/C/C#, Python, SQL, Kotlin, Ruby/Rails, Clojure

**Frameworks:** Django, Flask, Xamarin

**Utilities:** Git, Docker, Heroku

**Languages:** Russian (Native), English (Upper Intermediate)

## Achievements and Awards

**2018:** 1st degree award in "Lomonosov" olympiad in Mathematics (over 3000 participants overall)

**2018:** Prizewinner of Regional Level of Russian National Olympiad in Informatics

**2017:** 1st place in National Technology Initiative Contest in Wireless Networking (over 1000 participants overall)

**2017:** Prizewinner of Regional Level of Russian National Olympiad in Mathematics