

# Marina Gruzdeva

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## EDUCATION

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### Higher School of Economics

*Bachelor of Mathematics and Computer Science*

Moscow, Russia

*Sep. 2020 – Present*

### Relevant Courses:

Algorithms and Data Structures, Advanced C++,  
Computer Architecture and Operating Systems,  
Linear Algebra, Calculus

## WORKING EXPERIENCE

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### Software Engineering Internship | *Java, TypeScript + React*

*Yandex.Zen – one of the biggest Russian blog platforms*

Moscow, Russia

*Jul. 2021 – Oct. 2021*

- Worked in Feed Functionality Group – recommender subsection
- Developed an admin panel for user-friendly and optimized document moderation
- Implemented backend pipelines for moderation, classification and recommendation processes
- Gained experience in distributed systems

## PROJECTS

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### Smart pointers implementation | *C++*

*Oct 2021*

- Implemented C++ unique, shared, weak pointers
- Github repository: [github.com/amgfrthsp/smart-pointers-implementation](https://github.com/amgfrthsp/smart-pointers-implementation)

### Yandex Music Telegram Bot | *Python, BeautifulSoup, Telebot*

*Jul. 2021*

- Wrote a bot which calculated Yandex Music users music compatibility
- Created main logic using Python
- Wrote UI using telebot – Telegram API wrapper
- Github repository: [github.com/amgfrthsp/music-compatibility-bot](https://github.com/amgfrthsp/music-compatibility-bot)

### HashMap implementation | *C++*

*March 2021*

- Wrote HashMap implementation based on chaining method
- Github repository: [github.com/amgfrthsp/HSE.HashMap](https://github.com/amgfrthsp/HSE.HashMap)

## ACHIEVEMENTS

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### Moscow Olympiad in Informatics, 2020

*May, 2020*

*Gold medalist – 10-th place of about 600 participants*

### Individual Olympiad in Informatics, 2020

*Apr, 2020*

*Bronze medalist - 66-th place of about 1200 participants*

### Saint Petersburg State University Olympiad in Informatics, 2020

*March, 2020*

*Silver Medalist - 121-st place of about 2300 participants*

## TECHNICAL SKILLS

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**Languages:** C++, Python, Java, TypeScript, SQL

**Frameworks:** Spring

**Developer Tools:** Git

**Libraries:** React, NumPy, Pandas, Matplotlib, Seaborn, BeautifulSoup