Marina Gruzdeva

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EDUCATION

Higher School of Economics   Moscow, Russia
Bachelor of Mathematics and Computer Science   *Sep. 2020 – Present*

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

WORKING EXPERIENCE

Software Engineering Internship | *Java, TypeScript + React*   Moscow, Russia
Yandex.Zen – one of the biggest Russian blog platforms   *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

Smart pointers implementation | *C++*   *Oct 2021*
- Implemented C++ unique, shared, weak pointers
- Github repository: 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

HashMap implementation | *C++*   *March 2021*
- Wrote HashMap implementation based on chaining method
- Github repository: github.com/amgfrthsp/HSE.HashMap

ACHIEVEMENTS

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

Languages: C++, Python, Java, TypeScript, SQL
Frameworks: Spring
Developer Tools: Git
Libraries: React, NumPy, Pandas, Matplotlib, Seaborn, BeautifulSoup