

# Marina Pereskokova

Location : Russia

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## EDUCATION

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- **Saint Petersburg State University**

*Bachelor of Science in Computer Science; GPA: 4.8*

Saint Petersburg, Russia

*Aug. 2019 - Present*

## EXPERIENCE

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- **Yandex, Software Engineer**

*June 2021 - Present*

Working in the backend team in the Yandex news project. Have experience working with distributed high-load fault-tolerant systems. Stack: C++, Python, SQL, Unix/Linux environments.

## SKILLS

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- **Languages:** C++, C, Go, Python, SQL

- **English:** Upper Intermediate

- **Tools:** Git, Docker

- **Other:** Strong background in mathematics, knowledge of algorithms and data structures

## PROJECTS

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- **Crawler**

*C++*

*Library with Web Crawler*

- **MapLap**

*Python*

*Desktop Application for converting images to Latex/PDF formats*

- **Database Utility**

*Go*

*Utility for checking the consistency of secondary indexes in database tables*

- **Linear algebra**

*Python*

*Library with the implementation of linear algebra methods*

- **Huffman's algorithm**

*C++*

*App for file compression*

## TEACHING EXPERIENCE

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- **Algorithms**

*2019*

*Teacher of algorithms at the summer computer camp*

- **Olympiad mathematics**

*2018-2020*

*Teacher of school Olympiad mathematics at the summer physics and mathematics camp*

- **Regional olympiads**

*2018 - Present*

*Member of the jury and tasks writer at regional olympiads*

## ACHIEVEMENTS

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- **ROI 2018**

*2018*

*Prize-winner of the Russian Olympiad on Informatics*

- **Quarterfinals ACM ICPC**

*2020*

*North-Western Russia Regional Contest, 16th place (out of 146)*