

# Daniil Kochergin

## EDUCATION

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**Student of ITMO University, Saint Petersburg**

*2018 – Present*

Second-year student, Computer Science and Applied Math department.

## PROJECTS AND ACHIEVEMENTS

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**Winner of country-level school olympiad**

*2017*

Winner of the first degree in competitive programming olympiad.

**Summer informatics school**

*2017*

Studied algorithms and data structures.

**Android application**

*2018*

With my team developed networking application on Java.

**Big integer in Assembler**

*2018*

Implemented addition, subtraction and multiplication.

**Console utility for Huffman encoder/decoder in C++**

*2019*

Implemented an utility whose interface allows compress/decompress files larger than RAM.

**Async client in C++**

*2019*

Thread safe client which manage requests. Application has metrics and statement coverage.

## PROGRAMMING LANGUAGES AND SKILLS

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### Programming languages

- **C++**  
QTcreator, Sanitizers, C++17, boost library
- **Java**  
Streams, Android Studio, standart library
- **Python**  
Basic syntax
- **Clojure**  
Use in educational projects in the university
- **JavaScript**

### Skills

- **Web programming**
- **Multithreading**
- **Object Oriented Development**
- **Functional programming**
- **Alghoritms & data structures**

## WORK EXPERIENCE

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**Yandex, Moscow**

*2019*

*C++ Backend Developer Intern*

- Develop distributed build system. Learned and implemented aspects such as **database**, **multithreading**, **bash scripts** and **KVM**.

## CONTACTS

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