

# Balahnin Sergey

## Backend-developer

### Contacts

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### Education

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**3rd year student CT ITMO.**

**GPA: 4 / 5**

Specialisation: mathematics and computer science (01.03.02), a passing score - 309/300.

### Courses

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Machine learning course from Huawei and ITMO's lab

Period: 10.2019 - present

### Work Experience

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Tinkoff internship, project - kassir.ru.

Stack: Java, Kotlin, Spring

Period: 07.2019 - 09.2019

### Key skills

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- **Programming languages.**

Java, Kotlin. To a less - Haskell, python, C++.

- git experience
- knowledge in algorithms and data structures
- theoretical knowledge in multiprocessing programming and experience in it
- Base knowledge in machine learning
- experience in web-programming, spring
- experience in android programming
- Technical english
- I can understand big projects

### Educational projects, achievements

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- GitHub-repository with project links <https://github.com/sergalb/itmo>

- LALR-grammar parser's generator (weak analogy to antlr)

Stack: Kotlin, antlr

Project link: <https://github.com/sergalb/ParserGenerator>

- Util for searching substring in directory (analogy to grep, with UI)

Stack: C++, QtCreator, Multithreading.

In this project, I managed to achieve a performance that exceeds grep (due to pre-calculation)

Project link: <https://github.com/sergalb/cpp-third-term/tree/master/SubstringFinder>

- Educational android-apps

Stack: Kotlin, Multithreading, REST

Project link: <https://github.com/sergalb/android-2019>

- Prize-winning in math olympiads - "Rosatom", "Phisteh", "OMMO", "Future researchers - the future of science"