

# NADUTKIN FEDOR

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## EDUCATION

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### ITMO University

*Bachelor's in Applied Mathematics and Informatics*

Saint Petersburg, Russia

*Sep. 2019 – Aug. 2023*

## EXPERIENCE

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**Developer Soft / DevExpress** | *Data Visualisation and Analysis* | [The site of the company](#) Aug 2021 - Mar 2022

- Developed [custom aggregate functions](#)
- Added the way for collecting diagnostics
- Implemented tree isomorphism algorithm for visualising logs tree
- Added component design-time for netcore framework

## PROJECTS

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**JetBrainsProject** | *Java* | [github.com/FedosOnGIT/JetBrainsProject](https://github.com/FedosOnGIT/JetBrainsProject) 05.04.2020

- Arithmetic and Boolean Expression parser and simplifier.

**Connection** | *Kotlin* | [github.com/FedosOnGIT/Connection](https://github.com/FedosOnGIT/Connection) 23.12.2020

- Get posts form network, delete posts, create new posts.
- All posts are saved in the database.
- And of course you can do it parallel.

**Android-Contacts** | *Kotlin* | [github.com/FedosOnGIT/Android-Contacts](https://github.com/FedosOnGIT/Android-Contacts) 21.10.2020

- An application that helps to work with your contacts and call other people.
- Of course it asks permission first.

**Bin** | *Bash* | [github.com/FedosOnGIT/MY\\_OS\\_Labs/tree/master/lab4](https://github.com/FedosOnGIT/MY_OS_Labs/tree/master/lab4) 28.12.2020

- Realization of bin, where you can put your trash files and untrash them when you need.

**Big-integer** | *C++* | [BigInteger](#) June 2020

- Realization of BigInteger class on C++, all operations that primitive types have are supported.

**Concurrent algorithms** | *Java/Kotlin* | [Concurrent Algorithms](#) January 2022

- Michael-Scott Lock-Free Queue
- Concurrent-Friendly Skip-List
- Concurrent Dynamic Array
- And others...

**Hi Language Interpreter** | *Haskell* | [Concurrent Algorithms](#) January 2022

- Parsing and evaluating arithmetic expressions
- Basic data structures such as list, string, date Time ...
- Files Input/Output
- Handling Exceptions

## AWARDS

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### Israel math Olympiad

*Ariel University*

*Ariel, Israel*

- 1st degree diploma

2020

### ITMO Univesity student math Olympiad

*ITMO University*

*Saint Petersburg, Russia*

- 3rd degree diploma

2020

### All-Siberian student math Olympiad

*Novosibirsk State University*

*Novosibirsk, Russia*

- 3rd degree diploma

2020

## TECHNICAL SKILLS

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**Languages:** C#, Java, Python, C++, Bash, Kotlin

**Developer Tools:** Git, IntelliJ, CLion, VisualStudio, AndroidStudio