

# Daniil Osipov

JAVA, KOTLIN, ANDROID, C++ DEVELOPER

Saint-Petersburg, Russia

+7 919-919-14-92 | bestoffirst@yandex.ru | Sbread | S\_bread

"Think it's cool!"

## Summary

Developer filled with energy to solve complex tasks and open to new experience.

## Education

ITMO University

BACHELOR OF APPLIED MATH AND COMPUTER SCIENCE

Saint-Petersburg, Russia

2021 - 2025

## Skills

### • Programming languages

Java, Kotlin, C++, JavaScript (familiar), Clojure (familiar), Prolog (familiar)

### • Frameworks and technologies

Git, LaTeX, android, Bash

### • Knowledge

Algorithms and Data Structures, Discrete Math, Math Analysis, Linear algebra, Operating Systems

## Projects

- **Expression Parser** - Java application for parsing and evaluating arithmetical expressions
- **TicTacToe game** - TicTacToe game with hex modification written in Java
- **Markdown to html** - Markdown to html written in Java
- **BBCode dsl** - dsl for BBCode written in Kotlin
- **Reddit parser** - Program for parsing topics and comments on reddit.com written in Kotlin
- **xv6 copy on write** - copy on write optimization for xv6 OS written in C
- **xv6 allocator** - optimized allocator for xv6 OS written in C
- **Network file system** - remote file system written in C
- **std::list** - my implementation of std::list
- **std::vector** - my implementation of std::vector
- **socow\_vector** - std::vector with small-object and copy-on-write optimizations
- **big\_integer** - my implementation for long integer arithmetic written in c++

## Honors & Awards

2021 **Winner**, Olympiad "Phystech in mathematics"

Russia

2019 **Finalist**, All-Russian Olympiad in Economics

Russia

2019-2021 **Prize-winner**, All-Russian Olympiad in Economics: Regional tour

Udmurt Republic,

Russia

2019-2020 **Prize-winner**, All-Russian Olympiad in Math: Regional tour

Udmurt Republic,

Russia