Daniil **Osipov**

JAVA, KOTLIN, C++ DEVELOPER

Saint-Petersburg, Russia

☐ +7 919-919-14-92 | ✉ osipovdaniil.work@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   *Saint-Petersburg, Russia*

BACHELOR OF APPLIED MATH AND COMPUTER SCIENCE   *2021 - 2025*

Skills

- **Programming languages**

  Java, Kotlin, C++, JavaScript, Haskell

- **Frameworks and technologies**

  Git, LaTex, Bash, Spring Boot

- **Knowledge**

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

Projects

- **NoSQL** - NoSQL database written in Java on VK course 2023

- **Highload** - Highload system written in Java on VK course 2024

- **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

- **Implementor** - generating default realization for given class written in Java

- **Crawler** - crawl site with all links written in Java

- **ArraySet** - implementation of navigable array based set written in Java

- **Parallel tasks performer** - parallel tasks performer written in Java

- **Client-Server** - UDP communication client-server with and without non-blocking in-out and with 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*