

# Simon Naumov

## Education

- 2021 – (2023)**      **MSc, Computer Science:** ITMO University, Programming and Artificial Intelligence (Saint Petersburg)
- 2017 – 2021**      **BSc, Computer Science:** ITMO University, Computer Technologies Department (Saint Petersburg)  
*Thesis: Runtime Analysis of Evolutionary Algorithms on Asymmetric Jump Functions*

## Conferences

- FOGA 2021**      **The Effect of Non-symmetric Fitness:** The Analysis of Crossover-Based Algorithms on RealJump Functions (*Denis Antipov, Simon Naumov*)

## Experience

- November 2021 – now**      **Tinkoff, Middle Rust Developer**  
Developing and deploying the payment system  
**Rust, Cargo**
- March 2020 – October 2021**      **Huawei Technologies, Junior → Middle Java Developer**  
Developing API and data aggregation service for a cloud application platform  
**Java, Maven, Gremlin** query language, **TrinoDB** distributed SQL query engine, microservice architecture
- February – March 2020**      **Epam Systems, Software Engineer Intern**  
Developing a web service to perform different image transformations  
**Kotlin, Gradle**
- July – August 2018**      **Reddle, Software Engineer Intern**  
Developing and deploying a web site back-end for ventilation and heating scheme configuration  
**Python, Django framework**

## Skills

- Programming Languages**      Confident knowledge of **Kotlin and Java**: web services, translation methods, parallel programming, distributed systems  
Advanced knowledge of **Rust**  
Advanced knowledge of **C++**: algorithms and data structures implementations, Qt framework  
**SQL**: portable code, requests, indices, triggers, stored procedures, plpgsql  
**Haskell**: parsers, eDSL, multithreading, mathematic logic and type theory  
**Python**: machine learning projects  
Basic knowledge of **TypeScript, JavaScript** and **OCaml**
- Technologies**      **GNU/Linux, git, nix, Gradle, Maven, GitHub, GitHub actions, PostgreSQL, docker, docker compose**
- Languages**      **Russian** (native), **English** (C1), **German** (B1)

## Pet Projects

- Pull Party telegram bot**      A telegram bot that can ping the members of a certain defined group, suggest team on misspelling and manage teams.  
**Kotlin, Gradle**
- Finances application clients**      A set of clients for a finances application including iOS, Android and Telegram bot clients. Since it is written in Kotlin Multiplatform, there is a lot of code shared between the client modules that seems convenient in development.

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## Contacts

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