

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

- 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.
Kotlin Multiplatform, Gradle

Contacts

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