Simon Naumov

Education

2017 - 2021   **BSc, Computer Science**: ITMO University, Computer Technologies Department (Saint-Petersburg)

Thesis: Runtime Analysis of Evolutionary Algorithms on Asymmetric Jump Functions

2021 - (2023)   **MSc, Computer Sceince**: ITMO University, Programming and Artificial Intelligence (Saint-Petersburg)

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 - now   **Huawei Technologies, Cloud Service Java Developer**

Developing API aggregation service for a cloud application platform

Java, **Maven**, **Gremlin** query langugage, **TrinoDB** distributed SQL query engine, microservice architecture

February - March 2020   **Epam Systems, Software Engineer Practice**

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 **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 **Rust**, **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**

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