Simon Naumov

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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*

Repository with studying projects: **github.com/nothingelsematters/university**

Conferences

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

Conference page: **fhv.at/foga2021**

Experience

Nov 2021 – present (10 mos) **Middle → Senior Rust Developer**, **Tinkoff**, Saint Petersburg

Developing and deploying the payment system and adjacent services performing miscellaneous checks for transactions

Site Reliability Engineering: deployment checking and failure fixing

Keywords: Rust, Cargo, microservice architecture, etcd, Oracle DB, PostgreSQL, Kafka

Mar 2020 – Oct 2021 (1 yr 8 mos) **Junior → Middle Java Developer**, **Huawei Technologies**, Saint Petersburg

Worked in the international team with colleages from the Shanghai office

Developed an MVP of automatisation of Big Data aggregation configuration

Developed an MVP of an API and data aggregation service for a cloud application platform

Keywords: Java, Maven, Gremlin query languguage, TrinoDB distributed SQL query engine, microservice architecture, PostgreSQL, MySQL, graph databases

Feb – Mar 2020 (2 mos) **Software Engineer Intern**, **Epam Systems**, Saint Petersburg

Developed a simple web service to perform different image transformations

Keywords: Kotlin, Gradle

Jul – Aug 2018 (2 mos) **Software Engineer Intern**, **Reddle**, Saint Petersburg

Developed and deployed a web site back-end for ventilation and heating scheme configuration

Keywords: Python, Django framework

Side Projects

Jul 2020 – Aug 2021 **Telegram Mentions Bot**

A telegram bot that can ping the members of a certain defined group, suggest team on misspelling and manage teams

Repository: **github.com/pool-party/pull-party-bot**

Bot: **t.me/PullPartyBot**

Keywords: Kotlin, Gradle, PostgreSQL, Heroku, Test containers

Skills

Programming Languages **Proficient**: Rust, Kotlin, Java

Advanced: C++, SQL

Familiar with Python, Haskell

Basic knowledge of TypeScript, JavaScript, OCaml

Build tools	Cargo, Gradle, Maven, Make
Other technologies	Git, Nix, GitHub Actions, PostgreSQL, Docker, Docker Compose
Languages	English (C1), German (B1), Russian (native)