

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 **Middle 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 **Junior → Middle Java Developer, Huawei Technologies**, Saint Petersburg
- Worked in the international team with colleagues from the Shanghai office
- Developed an MVP of automatisatation 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 language, TrinoDB distributed SQL query engine, microservice architecture, PostgreSQL, MySQL, graph databases
- Feb – Mar 2020 **Software Engineer Intern, Epam Systems**, Saint Petersburg
- Developed a simple web service to perform different image transformations
- Keywords:** Kotlin, Gradle
- Jul – Aug 2018 **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)