

Maksim Tereshchuk

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EDUCATION

Master of Computer Science

ITMO University, Faculty of Information Technologies and Programming

Sep. 2020 – Jun. 2022

Saint Petersburg, Russia

Bachelor of Computer Science

ITMO University, Faculty of Information Technologies and Programming, GPA: 4.56/5.0

Sep. 2016 – Jun. 2020

Saint Petersburg, Russia

EXPERIENCE

Software Engineer

[Devexperts](#)

Jan. 2021 – Present

Saint Petersburg, Russia

- Eliminated the technical debt of using different self-written frameworks for creating REST API services by replacing them with a single tool that allowed other developers to quickly and conveniently design new REST solutions
- Created a trading bot for market simulation on the stock exchange, that helped QA team to test the new functionality of mass quotes
- Started a new project [DXmatch](#) for the company, set up technical processes, released the first version of the product
- Redesigned the exchange transport system from UDP multicast to UDP unicast, allowing the system to run in cloud solutions

Software Engineer

[Solanteq](#)

Mar. 2019 – Jan. 2021

Saint Petersburg, Russia

- Developed a full cycle bank card issuance system, integrated with the company's existing applications, that expanded the company's product line
- Supported one of the company's key products for the management of banking agreements and transaction processing
- Designed and implemented a [reserve authorization system](#), one of the company's products, that decreased number of penalties from IPS during bank's downtime
- Implemented a special scheduler for completing banking transaction days, thereby automated the work of bank employees
- Developed a system for providing special tariffs for bank's VIP clients, which increased the number of such clients for bank
- Created functionality for forecasting debt under a banking agreement for a given date in the future, that improved the user experience of bank clients

PROJECTS

[Chesskell](#) – a desktop application for analyzing chess games. The program is fully implemented in Haskell, supports standard plain text format for recording chess games, and provides a GUI for visualization

[Sensearch](#) – a team project within the practice at [JetBrains Research](#) on creating a search engine based on word embeddings and other modern machine learning approaches

PUBLICATIONS

M.Tereshchuk, "Visualization of reasons for non-compliance with the specification of a formal model of a cyber-physical system", in *Collection of abstracts of the congress of young scientists*, Apr. 2020, kmu.itmo.ru/digests/article/3210

SKILLS

Languages: Java, Kotlin, Python, C/C++, SQL (Postgres), JavaScript/Typescript, Haskell

Frameworks: Spring, Hibernate

Libraries: Liquibase, Infinispan, RabbitMQ, Aeron, Simple Binary Encoding (SBE)

Tools: Git, Maven, VS Code, IntelliJ IDEA, PyCharm, CLion, YouTrack, Jira, TeamCity