



# Dmitrii Kovanikov

Haskell Developer

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## About me

I'm Haskell enthusiast and teacher with several years of experience in program development. Making-world-better-oriented focused person who pays attention to details and never stops learning new things and improving already existing skills.

## Skills

Haskell (mtl, servant, hedgehog),  
Elm (create-elm-app, http, json),  
SQL (PostgreSQL, MySQL, SQLite),  
Kotlin, Java, C++,  
CI (GitHub Actions, Travis, AppVeyor, Circle CI),  
Git/GitHub, Ubuntu, Bash,  
AWS, LaTeX, YouTrack, Vim, Emacs

## Interests

Functional programming, especially Haskell.

## Education

- 2015-2016 Master degree ITMO University  
Information Technologies and Programming Faculty, Computer Technology Department, Majoring in Software Engineering and Service Design
- 2011-2015 Bachelor degree ITMO University  
Information Technologies and Programming Faculty, Computer Technology Department, Majoring in Computer Science

## Experience

- 2019 - now Quantitative Developer Standard Chartered  
Implementing and supporting pricing platform core features, working on a custom build tool and GHC infrastructure, developing web-services, enhancing products maintainability, monitoring and analysing project performance, improving continuous integration, continuous deployment and developing experience.
- 2018 - 2019 Middle Haskell Developer Holmusk  
Backend development of the chronic disease management platform. Implementing web-application backend with type-level DSL, PostgreSQL, Protocol buffers.
- 06-08, 2019 GSoC 2019 Mentor Haskell.org  
Mentorship during GSoC 2019. Curating student work for web-application with Haskell on backend and Elm on frontend.
- 2016 - 2018 Middle Haskell Software Engineer Serokell  
Developing distributed cryptocurrency systems using Haskell. Implementing cryptocurrency protocols, creating logging framework, writing jekyll documentation in English, Haskell development and refactoring tooling support, performance optimizations, benchmarking, making world better.
- 2015 - 2018 Haskell Tutor ITMO University  
Tutoring the course about functional programming and Haskell.  
Course page: <https://github.com/jagajaga/FP-Course-ITMO>
- 02-05, 2016 Java Software Engineering Intern Yandex  
Developing monitoring system for microservices at Yandex.Metrics.
- 07-09, 2015 Kotlin Software Engineering Intern JetBrains  
Integrating REPL for Kotlin programming language into IntelliJ IDEA.
- 04-06, 2015 Computer Laboratory Assistant ITMO University  
Implementing feature ensemble system using Machine Learning algorithms.
- 01-03, 2015 Android Software Engineering Intern BigBird  
Prototyping Android app for BigBird system: <http://bigbird.ru/>

## Other information

### Review

I enjoy reading Programming Language books and articles, trying to catch up with modern researches in functional programming. I like to contribute to open-source projects and help beginners to start with implementing easy issues. I answer to StackOverflow questions (mostly in Haskell section) which I found useful both for my self-education and novice programmers. In my free from programming and self-learning time I like playing guitar and eat milk chocolate :)