

Mariia (Mary) Feofanova

Github: [mary3000](#)

Email : mary.fifa3000@gmail.com

Mobile : +79168354966

EDUCATION

- **Moscow Institute of Physics and Technology [planned]** Moscow, Russia
Master's degree in Computer Science Sept. 2020 - Aug. 2022
- **The Yandex School of Data Analysis** Moscow, Russia
Big Data Infrastructure Sept. 2019 - Aug. 2021 (Present)
- **Moscow Institute of Physics and Technology** Moscow, Russia
Bachelor of Applied Mathematics and Computer Science Sept. 2016 - Aug. 2020 (Present)

EXPERIENCE

- **Google LLC** London, UK
Software Engineering Intern, Android App Compat team July 2019 - Sept. 2019
[GoLang](#) [Java](#) [Android](#) [C++](#) [Protobuf](#) [SQL](#)
 - Analyzed statistics about Android API usage and wrote design document about how to utilize it.
 - Integrated it into Android source code presubmit checker to prevent breakage of popular apps.
- **Moscow Institute of Physics and Technology** Moscow, Russia
Teaching Assistant, "Theory and Practice of Concurrent Computing" course Feb. 2019 - May 2019
[C++](#) [x86 Assembly](#)
 - Reviewed students' code.
 - Held weekly theory homework defences.
 - Added more tests for checking students' solutions.
- **JetBrains s.r.o.** Moscow, Russia
Software Engineer, RubyMine team Oct. 2018 - Feb. 2019
[Java](#) [Ruby](#) [Ruby on Rails](#)
 - Added new extract options (substring, heredoc) to refactoring, made name suggestions less error-prone.
 - Improved Rails-specific refactoring: model fields, associations support.
- **JetBrains s.r.o.** Moscow, Russia
Software Engineering Intern, RubyMine team Jul. 2018 - Aug. 2018
[Java](#) [Ruby](#)
 - Developed new intentions and inspections for RubyMine IDE.
 - Improved parameter refactoring system: added new parameter type choosing option, made smarter invocation points search, restructured preview UI with respect to class hierarchy.

PROJECTS

- **InclickDB** Moscow, Russia
May 2019
[GoLang](#) [Python](#) [Grafana](#) [Graphite](#) [ClickHouse](#) [InfluxDB](#)

Investigated possible solutions to a problem of migrating from InclickDB to ClickHouse for a monitoring system with tagged metrics. Contributed to open-source code by teaching myself GoLang to create tag support in existing solution: [pull-request](#).
- **MyChief** Moscow, Russia
Nov. 2017
[Java](#) [Android](#)

Learned Android and implemented all structure and internal code logic (activities, fragments, lru cache) of mobile app that can search for recipes with ingredients entered by user, collaborated with a team of 3 students.

ACHIEVEMENTS

- **[Hackathon] Photo Lab Live Challenge: Go Viral or Go Home - I place** Moscow, Russia
Nov. 2018
[Python](#) [web.py](#) [Heroku](#)

Developed backend for photo filter that changes clothes style, having only 48 hours was able to quickly learn python framework and to deploy MVP.

PROGRAMMING SKILLS

- **Languages:** C++, Java, GoLang, Python, F#.
- **Technologies:** SQL, Git, L^AT_EX, Android, Docker, TLA+, PlusCal, Python frameworks (numpy, pandas, sklearn).
- **Knowledge:** Algorithms, Data Structures, Concurrent Computing, Distributed Systems.