Mariia(Mary) Feofanova

Github: [mary3000](#)

Email : mary.fifa3000@gmail.com

Mobile : +79168354966

EDUCATION

Moscow Institute of Physics and Technology [planning to go] — 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 API usage, wrote design doc about how to utilize it in HiddenAPI presubmit checker. Aggregated this statistics and implemented its integration into the checker. With this feature developers of Android source code will not break popular apps and will be aware of how important their changes are.

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
`GoLang` `Python` `Grafana` `Graphite` `ClickHouse` `InfluxDB` — *May 2019*

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
`Java` `Android` — *Nov. 2017*

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
`Python` `web.py` `Heroku` — *Nov. 2018*

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, LaTeX, Android, Docker, TLA+, PlusCal, Python frameworks (numpy, pandas, sklearn).
- **Knowledge**: Algorithms, Data Structures, Concurrent Computing, Distributed Systems.