Mariia(Mary) Feofanova

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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 Android API usage and wrote design documentation about how to utilize it.
    - Implemented its integration with 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
  `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.