Maria Tigina | Curriculum Vitae

Saint Peterburg, Russia

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Previous Employment

Google Internship   **London (remote)**
Fit&Wear Research, Intern   *July - October 2020*
I have developed two prototypes for Wear OS and Android. First is Bluetooth GATT Peripheral for Heart Rate Service. Second is Sound Walking Prototype for research about what effect does walking speed have on heart points.

Yandex Internship   **Moscow**
Market Infrastructure Developer, Intern   *June - July 2019*
Within new project intended for monitoring all Yandex services in a cloud, I have implemented service for server's configuration data collection.

                                                                                                   Moscow
Market Back Office Developer, Intern   *September - October 2019*
My task was to transfer launch of Market Back Office short tools from physical servers to virtual ones. Knowledge of bash, network protocols and ssh interaction helped me in this task.

Computer summer camp   **Perm**
Lecturer   *August 2018*
Was teaching pupils different algorithms and data structures.

Education

Higher School of Economics   **St. Peterburg**
Bachelor of applied Mathematics and Informatics, transferred to the II year   *2018-2021*
Courses: Algorithms and Data Structures, Functional Programming, JVM Programming Languages, Android Programming, Probability Theory, Numerical Methods, Computer Networks, Database Management Systems, Introduction to Machine Learning.

Saint Petersburg Academic University   **St. Peterburg**
Bachelor of applied Mathematics and Physics, I year   *2017-2018*
Courses: Algorithms and Data Structures, UNIX, Linear Algebra, Calculus, Discrete mathematics.

Technical skills

- **Strong skills:** Java, Kotlin, Python
- **Experience with:** TypeScript, JavaScript, React, C++, PostgreSQL, Git, Gradle, Docker
- **Familiar with:** Scala, Bash, Haskell, C

Projects

- **CiBlock (October 2020, currently running):** *'Service for city block planning optimization'*
  implemented in TypeScript, JavaScript, Python using ML and some other algorithms for area generation and optimization

- **LABRA (since June 2020):** *'Service for increasing labor efficiency'*
  implemented in TypeScript, JavaScript, Python using ML algorithms for action detecting and person recognition

- **SteelUnicorn (February 2020):** *'AutoCAD plugin for architects for house plans drawing automation'*
  implemented in C# using optimization algorithms for entity placement

- **Office Gym Train (September 2019):** *'Application for sport exercises detection and counting'*
  implemented in Kotlin for Android

- **EasyEnglish (June 2019):** *'Application for learning English grammar and lexis via local and network games'*
  implemented in Java for Android

Personal skills

Achievements:
- Russian team Olympiad, prize-winner of the region
- Russian Olympiad in Informatics, prize-winner, 2016
- Russian Olympiad in Informatics, prize-winner, 2015
- ITMO olympiad, cybernetics olympiad, online programming olympiads (Technocup, VKcup)

Interests:
- Sports, Hicking, Drawing, Reading, Travelling