Ilya Zakoulov

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EDUCATION

ITMO University   2021 – 2023
*Master of Applied Computer Science; **GPA: 4.8 / 5.0***
Relevant courses: *Deep Learning, Application Packages for Data Analysis, Data Processing and Analysis*
ITMO University   2017 – 2021
*Bachelor of Information Systems and Technologies; **GPA: 4.9 / 5.0***
Relevant courses: *Machine Learning Algorithms, Cloud Computing, Algorithms and Data Structures*

EXPERIENCE

Alfaleads   July 2020 – Present
Software Engineer
- Developed Ads SDK for Android apps with a highly configurable build
- Designed and created an internal tool that notifies media buyers about the app's rating changes

Yandex, Android SuperApp   July 2019 – Sept. 2019
Software Engineer Intern
- Implemented a new design via **A/B testing** for a screen that displays application errors
- Refactored auto tests by adjusting them to a new system design

PROJECTS

▶ Hacker Simulator

`Java` `Kotlin` `Android` `Firebase`

- Designed and developed a mobile game, through which users reveal facts about the life of IT specialists and explore different programming technologies
- Took a **tech lead** role and used SCRUM to manage the project. The team did **70 sprint cycles**
- The game now has more than **700.000 downloads** and **around 6.000 reviews**. Rating is **4.5 stars**

🐙 City Quests (Web, Android)

`Python` `Django REST` `PostgreSQL` `nginx` `Docker Compose` `Vue.js` `Android SDK`

- Created a software system for organising city orienteering competitions
- Implemented a website for quest administrators, **REST API** backend, and an **Android** application for quest participants
- The application was used in **four competitions** by more than **100 participants**. Now it is used by a group of activists organizing these city quests

🐙 Navigator X

`Kotlin` `Android SDK` `MongoDB Realm` `Kotlin Coroutines`

- Built an **Android** application for navigation in the buildings of the university. The app can pave the way between classrooms and display information about equipment and facilities there
- Used **MVI architecture** and **Single Activity** approach
- More than **1.000 students** downloaded the application

SKILLS

Programming languages: Python, Java, Kotlin
General knowledge: Algorithms and Data Structures, Operation Systems, Machine Learning Algorithms
Technologies: Django, REST API, Numpy, Pandas, Sklearn, Android SDK, Docker, SQL

AWARDS

Yandex Cup (Mobile track): **12th** of over 2000 participants (2020)
VK Cup (Mobile track): finalist, **13th** of over 1000 participants (2020)
Ya profi – Russian National Olympiad for students (Computer Science track): awardee (2018)