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Dmytro Karataiev

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Summary:

Senior Android developer with portfolio of open-source applications published on Google Play and interested in the field of Machine Learning, who believes in test-driven development and Clean approach to coding. Also have extensive experience in marketing, including successful portfolio management and new brands launches.

Technical Skills

Languages: Java, Python.   *Databases/Other:* Realm, SQLite, Git, Gradle, CI services.
Android: Dagger 2, RxJava 2, MVP, TDD.   *Exposed to*: Kotlin, JavaScript, PHP, CSS3.

Work Experience

F3 Software – Senior Android Developer   *Los Angeles, USA | October 2016 – Present*
- Leading a team of developers to continuously deliver, improve and extend a series of applications.
- Working closely with UI designers, business analysts and testers in a highly collaborative environment.
- Developing the architecture of apps and maintaining high crash free user percentage (>95%).

Freelance – Android Developer   *Los Angeles, USA | August 2014 – September 2016*
- Developed Android applications for clients according to their requirements.
- Worked under NDA on one big health-related project and as a tester for an Android MOOC platform.

Yalantis – Android Intern – GitHub Page   *Dnipro, Ukraine | February 2016 – June 2016*
- Created three Android applications with an increasing level of complexity.
- Used technologies: MVP Architecture, RxJava, Retrofit, Facebook API, Dagger 2, etc.

DANONE Nutricia – Marketing, Strategy and Insights Manager   *Kyiv, Ukraine | April 2013 – August 2014*
- Managed portfolio of 3 brands, achieved 2nd position in the Value Market Share (+700bps Year on Year).

Unilever – Brand Manager   *Kyiv, Ukraine | July 2010 – April 2013*
- Achieved 1st place in Volume/Value Market Shares (+1000bps), launched new brand, 40 additional SKU's.

Project Experience

Machine Learning Nanodegree projects – GitHub Page   *June 2016 - November 2016*
- Completed projects on Supervised (Boston Housing Prices, Student Intervention System), Unsupervised (Creating Customer Segments) and Reinforcement learning (Smartcab).

Earthquake Survival – GitHub Page – Google Play   *April 2016 - Present*
- Earthquake monitoring application with survival information, notifications, auto syncs.
- Uses SyncAdapter, ContentProvider, Loaders, Maps, Locations, Geofences, Notifications, RxJava, Retrofit.

The Movie Database – GitHub Page – Google Play   *December 2015 - Present*
- Fast and efficient client to The Movie Database with Search and Favorites functionality and tablet design.
- Uses ContentProvider, YouTube API, RxJava, Retrofit.

BBC News Reader – GitHub Page – Google Play   *August 2016*
- RSS news reader for the BBC XML feed.
- Uses MVP Architecture, Realm database, JobScheduler, RxJava, Retrofit.

Morse Flashlight – GitHub Page – Google Play   *January 2016*
- Flashlight application with simple design, fast speed, Morse code and an Emergency Signal.
- Works as Service with all the tasks on background thread (Service, Camera2 API).

Education

Udacity – Machine Learning Engineer Nanodegree - Verified certificate   *November 2016*
Udacity – Android Developer Nanodegree - Verified certificate   *April 2016*
Taurida National University, Simferopol, Ukraine – Political Science, M.A., GPA 3.57   *June 2010*

Certificates

edX MIT – 6.005.1-2x, Advanced Software construction in Java   *September 2016 – April 2017*
Coursera University of Michigan – Programming in Python (4 courses)   *October 2015 – March 2016*
Coursera Stanford – Algorithms and Analysis (Part 1)   *October 2015 – December 2015*
edX MIT – 6.00.1x, 6.00.2x Computer Science and Python Programming   *August 2015 – December 2015*

Honors and Activities

Udacity Transcend Award   *June 2016*
Choice of the year award for the best brand in the market (2011, 2012)   *December 2011, December 2012*
First prize and diploma for the best paper – Moscow State University International Conference   *April 2010*