

Korolev Daniil

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github.com/Danielto1404

TECHNICAL SKILLS

Programming Languages:

- Advanced in **Java, Swift, Python, Haskell**

Familiar with **C++, Obj-c, Kotlin**

Frameworks:

- **Java:** Junit, Dotplugin.
- **IOS:** Alamofire, IGListKit, Firebase, Lottie, MapBox.
- **Haskell:** HUnit, GTK::Haskell, optparse-applicative.
- **Python:** numpy, pandas, sklearn, tensorflow, implicit, xgboost, word2vec.

Working experience: **git**

EDUCATION

ITMO University, St. Petersburg

Bachelor in Applied Mathematics and Informatics

2018—2022

Relevant Coursework: ML, Recommender Systems, *Algorithms and Data Structures*, *Computer Architecture*, *Discrete Mathematics*, *Programming Paradigms*, *iOS VK course*, *C++ course*, *Java course*, *Maths logic*, *Operating systems*, *Haskell course*, *CTF Reverse course*, *Translation methods course*

Presidential Physics and Mathematics Lyceum №239, St. Petersburg

WORK EXPERIENCE

Sixhands.co

August 2020—October 2020

Mobile ios application development for renting premises: Localchair

- Using Alamofire.
- REST Api
- Using MVP pattern with router.

OK.ru

October 2020 — January 2021

Upgrading mobile application for OK.ru social network. Implementing ad in feed, fix bugs.

- OK ios SDK,
- Instagram IGListKit framework.

Projects

Utrexoo [Java][source code](#) UTXO set compression for crypto coin.

- Represent forest of Merkle trees, validates transaction.
- Accept proof of transaction as optional value.

- Accept saving proof of transaction.
- Tracking of changes in forest.

IRLKiller [Swift] [source code](#) More information in README.md file in source code link.

ML algorithms [Python] [source code](#) More information in README.md file in source code link.

More projects and University tasks on
github.com/Danielto1404/Univeristy