

## **Marat Saytakov** · Senior iOS Software Developer

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### **Summary**

- iOS and macOS software Research & Development
- source code & software architecture review
- CI/CD, code signing & production certificates audit
- 8+ years in #C, #Objective-C, #Swift, && #Go

### **Work Experience**

**QIWI Blockchain Technologies (QBT)** · [qiwi.tech](http://qiwi.tech) · Oct. 2018—May 2020

iOS Crypto R&D Consulting in utilizing of Streebog-256 cryptography right on the iPhone. Public and private key generation, iOS security keychain storage and hashing. Implemented transaction signing using custom ECDSA for an Ethereum blockchain's fork. Developed a native macOS Finder Extension for the Electron app.

**Ford Models** · [newbookmodels.com](http://newbookmodels.com) · Aug. 2016—Apr. 2018 · *iOS Team Leader*

Digital transformation for a traditional modeling agency business. The app includes booking system, payment gate, geo location, blogging platform.

I was leading a team of 6 mobile developers (in-office and remote). Architected app transformation, reduced unnecessary meetings, speed up team performance up to 50%.

Reduced CI building time from 60 to 10 minutes: reduced monthly cost. Automated deployment; set up nightly builds for a QA team's Appium tests.

**Paste** · [pasteapp.me](http://pasteapp.me) · 2015 · *iOS Developer*

The world's favorite clipboard time machine for Mac, iPhone and iPad.

I was working on the data synchronization engine for both of macOS and iOS apps.

**Luuk Pro** · [luuk.com](http://luuk.com) · Oct. 2014—Sep. 2015 · *Lead iOS Developer*

Primary iOS app for beauty shops booking system in Moscow.

App Store award: App of the Day. The app includes map, geo location, schedules, booking system, payment gate, photo gallery, booking confirmation tracking.

I architected and developed the whole app: a rich map UI where everything else is scrolling up and down at 60 FPS. 30k installs in first month; 99% crash-free rate.

**RocketBank** · [rocketbank.ru](http://rocketbank.ru) · Sep. 2013—Sep. 2014 · *iOS Developer*

Simple and powerful future of banking. The app is the only way to communicate with the bank, see recent transactions, request documents, transfer funds, pay for public utilities.

I was working on all the main features of the app, and especially: reinvented Hot Deals experience—which was copied then by all the competitors.

Designed and developed a separate iOS MVP app for card-to-card transfers.

**AIC** · [aic.ru](http://aic.ru) · Aug. 2012 ... Aug. 2013 · *iOS Developer*

I was working on the Money Inc app prototype—discovering amazing modern ways to manage banking accounts together with the experts of this UI design studio. Archived.

## Side Projects

**Numpad for Mac** · [Mac App Store](#)

The only 5-star FaceTime Dialer for Mac.

**Chars 3** · [chars.app](http://chars.app) · [App Store](#)

I developed Chars—a delightful and easy-to-use note-taking app for quickly writing down your thoughts. Then sharing, tweeting, or using in the way you want.

There is a built-in system-wide keyboard extension full of special Unicode characters.

**Rating Stars** · [m4rr.ru/stars](http://m4rr.ru/stars) · [App Store](#)

App to rate current playing song right on the Apple Watch or your iPhone.

**Moscow Metro Wi-Fi Auth** · [m4rr.ru/mauth](http://m4rr.ru/mauth) · [App Store](#) · [GitHub](#)

App bypassing captive portal. 81k installs, 70% retention rate. No ads, no tracking.

**Easy Percent X** · [App Store](#)

Percent calculator written in Objective-C. 640 KB total binary size. 250 µs startup time.

**Money Bot** · [GitHub](#) · [Telegram](#)

Open source, Docker-containered bot written in Ruby. If added to a group chat, looking for any message containing price and currency, and the converts that to the opposite currency. Running with an Open Exchange Rates token, caching rates data.

Collects nothing.

## Public Activity

Speaker @ Moscow Coding School · [moscoding.ru/swift](http://moscoding.ru/swift) · 2015

Speaker @ CocoaHeads Moscow iOS/macOS developers community · since 2014

Code Mentor, covering Swift, C, Objective-C, and Xcode expertise · [codementor.io/m4rr](http://codementor.io/m4rr)

Contributing to Apple Swift on GitHub · [github.com/apple/swift](https://github.com/apple/swift)

Writing Thoughts on Computers & Development on Medium

## Education

**Moscow State University of Cybernetics (MIREA)** · 2007—2012 · GPA: 4.2 · [Anabin](#)

Master of Science in Information Systems (MSIS). Thesis: "Information measuring system for children nutrition monitoring."