

Liu Bo

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<https://jacklandrin.github.io>



<https://github.com/jacklandrin>



Tianjin University of Technology 2009 ~ 2013
Information Security (BSc)

Work Experience

05/2018



Freelancer / Amsterdam

- Developed several open source iOS apps with SwiftUI and an in-app log console called JLConsoleLog.
- Published a QR & Bar code manager app called QRCobot on App Store.
- Developed a macOS menubar app called OnlySwitch

01/2017
05/2018



iOS Lead of Architect Team YIXIA Technology / Beijing

Our main product of department is Yizhibo that is a popular livestream video App in China. Yizhibo is subsidiary of Weibo at present.

- Formulated uniform coding standards and design paradigm for our development team. Promoted operations engineer to setup Gerrit and Jenkins system for code review and package IPA for testing or publishing app. The crash rate online decreased from 0.5% to 0.07%, and the value of online risk declined 30%.
- Modularize project with CocoaPods, and designed APIs for basic modules. Promoted team developing in CI, made vendor tool and subproject to static library, it improved the compile speed 15%.
- Driven development of tracking log system and A/B test system in the part of app. Analysis data to solve problem and improved product's user experience based on log data.
- Developed new framework for livestream page with plug-in mode. The new business efficiency of development doubled. Refactored keep alive module, the rate of missing message reduced 30%; Involved in the design the protocol of network and security in our app, the behavior of malicious brushing flow decreased 80%.
- Designed the solution of live streaming quiz mobile client and APIs of data module.
- Developed a series of debug tools and script for our department. They are used for debug program in online or Inhouse version and manage modules.

10/2015
08/2016



iOS Developer Weibo Corporation(Nasdaq:WB) / Beijing

Weibo is the biggest social media platform in China. It has 500 million users in global.

- Investigated and surveyed video parameter of other oversea same type application, reduced the use of peak video traffic, the company saved billions of CNY in spending.
- Analysis A/B Test log data to solve problem, compared performance of AVPlayer and IJKPlayer and made daily statistics, reduced bugs of player online 60%.
- Developed live news video module of Weibo iOS client. Doubled the fps of peak in comment module by optimization algorithm; surveyed development of praise flying function in SpriteKit, the fps of peak increased 3 times.
- Developed autoplay function of Weibo vlog, the video views grew up 5 times.
- Developed stream feed of video recommend, using duration promoted 3 times in Weibo.
- Developed preload of vlog, accomplished swiftly starting to play.
- Integrated Yizhibo SDK into Weibo client.



08/2014
09/2015

iOS Developer Xiudou Co. Ltd / Beijing

Xiudou is a startup company. The Xiudou app is a video eCommerce platform for small company and individual businessmen.

- Developed the foundation and basic functions of iOS app including video player, account module, setting pages etc.
- Designed products shopping flow and purchase system.

05/2013
11/2013

Windows Developer QFPay Co. Ltd / Beijing

QFPay is a mini POS terminal. It can access smart phone and computer client to consume in credit card, check balance, repay credit card etc.

- Developed Windows Phone client, Windows client with WPF and QT of QFPay.

Technical Skills



Programming Languages: Objective-C, Swift, C#, Shell
Technologies: UIKit, SwiftUI, Core Data, Intents, Restful, Json, XML
Knowledge: Design Pattern, HTTP Knowledge, Multi-thread
Other: Photoshop, Illustrator



Programming Languages: C++, Python, Apple Script, Ruby
Technologies: Xib, Storyboard, WatchKit, Appkit
Knowledge: Data Structure, Server
Other: Sketcher

Languages

Mandarin, English, German(A2~B1)

Awards & Others

- 2011, started to learn iOS development, as the lead of Students Innovation Practice Centre during college life. Organised Tianjin AI Programming Competition. Social Activities scholarship in University.
- 2013, the Best Innovation Award by App of Windows Phone voice payment in QFPay hackathon.
- 2015, gave a speech on the trend of iOS development in conference of OSChina.net(Tianjin).
- 2017, the Best Team Award of Middle Manager Training in YIXIA.
- 2018, the 2017 Elite Staff Award in Year End Party of YIXIA.
- 2021, the first of Github Week & Today Swift Trending by OnlySwitch.

Check app list:

<https://jacklandrin.github.io/category/Apps.html>

