



李杰 (Jet Lee)

+65-91310023

pupboss.i@gmail.com

Singapore

Developer



[My Blog](#)

[GitHub](#)

[S.O.](#)

[Quora](#)

[LinkedIn](#)

[500px](#)

[Twitter](#)

Summary

Veteran developer with 6 years of experience in coding, refactoring, debugging, testing and maintenance.

Strong believer of Can-do attitude and efficiency. Expert in system optimisation and performance improvement.

Strong background in mathematics, algorithms, and data-processing.

Education Background

2019.01 - 2020.06, [Nanyang Technological University](#), Singapore, Computer Science, Master Degree

2013.09 - 2017.06, [Liaoning Technical University](#), China, Communication Engineering, Bachelor Degree

Skills & Expertise

Programming Languages

Swift

Objective-C

Python

Node.js

Shell

Frameworks & APIs

Ethereum

Cocoa

Cycript

lldb

Software & Tools

Reveal

Hopper

Charles

Experience

[NTU](#) (*Nanyang Technological University, Singapore*)

2017.02 - Present, Project Officer

- Made a Reinforcement Learning based thermal simulation model by using TRNSYS and implemented a sophisticated system to show simulation data on the front-end side
- Led the mobile-end development team. Responsible for end-to-end design and development of multiple apps that supports the use of simultaneous 6k users, including sophisticated registration, shopping, payment, order systems
- Rewrote one of the projects in Pure Swift, to improve its performance on mobile device by using a modern language and a new compiler.
- Optimised and refactored the iOS projects by reducing the count of third-party libraries from 51 to 13, significantly improved the app running performance and diminished the size of the app from 22.1M to 3.7M
- Experienced in the low-level design. Enhanced the app performance from the memory cost, and the network layer
- Fixed several memory leaks and retain cycles & Designed the new architecture
- Participated in the development of the websites using React framework and delivered a complete project independently

Shanbay (Nanjing Beiwan Education & Technology LTD.)

2016.07 - 2016.10, iOS Developer

- Delivered several refactoring, including Punch Plan, Wordbook, Push Notification, Badge modules, the crash rate was always controlled lower than 1.5%
- Developed the Insurance Plan module with another colleague, it's implemented in React Native
- Integrated the payment system, to avoid paying the 30% fee for Apple's iAP
- Automation scripts maintenance & Took part in the code review
- Open-sourced a component on GitHub

Projects Experience

App Architecture

2018.05 - 2018.07, Translator

Website

- This book explains a range of application design patterns and their implementation techniques using a single example app, fully implemented in five design patterns
- Translated and revised several chapters, and made subtitles for the accompanying videos

Objccn.io

2015.02 - 2017.06, Contributor

Website

- ObjC China (objccn.io) was built for helping Chinese to read the foreign language technology documents. The community members contribute the translation of the articles, and the article would be published on this website after revising

LNTU EDU Online Project (open-source, Objective-C, Swift, Node.js)

2014.08 - 2016.12, Founder & Developer

Website App Store Google Play GitHub

- This project had more than 35,000 users, and up to 11,000 daily active users. It's designed to improve the score searching experience of students. With the app, students can check their score and their class time schedule
- Developed the iOS app, the back-end application, and the community forum end-to-end
- Technology stack in use: Java, Node.js, Objective-C, Swift

Finally

Additionally, I also have great interest in traveling and photography, photos taken on the road can be found on my [500px](#) page.

Thank you for your patience in reading my resume.