

# Nick Yang (Li-Cheng Yang, 楊立誠)

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## PROFILE

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I am a software engineer. Although I like to develop iOS Apps [1], I am involved in backend and frontend developments as well. Those experiences helped me have a comprehensive insight into product development. As a team player, I am familiar to observe the circumstances of the team and propose my solution to improve teamwork. It is my pleasure if I can make team better.

## WORK EXPERIENCE

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### Trend Micro Inc.

*Senior Engineer*

Taipei, Taiwan

*Jun 2022 – present*

- Build the system architecture of the job queue on MGCP in 2 weeks.
- Build microservices using gRPC, AWS Kafka.
- Lead a new project in the blockchain team and plan the product's future.
- Study the source code of open-source tools, Mythril, Slither, and integrate them into our product.
- Make a training workshop for juniors.

### Shoalter Technology Ltd.

*Senior Programmer*

Taipei, Taiwan

*Oct 2021 – Apr 2022*

- Technical instruction on the iOS team. [1]
- Make development & code review guidelines for engineers to follow.
- Lead code refactoring on existing projects in the 5 members team.
- Lead the team to migrate to Swift to reach 86% coverage.
- Improve enterprise release processing time by 90%.
- Discuss requirements & features among cross-department.
- Lead a study club of SwiftUI in the company.

### Lubn Inc.

*Senior Software Engineer*

Tainan, Taiwan

*Jul 2018 – Sep 2021*

- Independent develop 2nd version iOS App and design MVVM, MVVMC architecture. [1]
- Add unit test & API test to existing projects.
- Reduce more than 1 hour deployment time through implementation of CI/CD with Jenkins, Docker, and Fastlane.
- Discuss API design with the backend team to fit requirements.
- Build PWA using ReactJS and Redux. [3]

### AsianArk Technology Inc.

*iOS Developer*

Taipei, Taiwan

*Sep 2017 – Mar 2018*

- Maintain and improve features on existing gambling App. [2]
- Design code architecture of the new App & develop fantastic UI in 1 month. [2]
- Make coding conventions on the iOS team.
- Develop chatroom & immediate update odds using WebSocket.
- Display the live view using embedded WebView.

### Changing Information Technology Inc.

*Software Engineer*

Hsinchu, Taiwan

*Oct 2014 – Aug 2017*

- Develop Universal App, watchOS App, and static library. [1]
- Add storyboard & AutoLayout to existing iOS project.
- Develop Bluetooth unlock the iOS App feature.
- Develop RESTful API using Jersey.
- Design event-based (iNotify) & polling algorithm to implement cloud-sync.

## EDUCATION

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### National Chung Hsing University

*MS in Department of Management Information Systems. (CS)*

Taichung, Taiwan

*2014*

*The member of Network Security Laboratory. [4]*

### Providence University

*BS in Department of Computer Science and Information Management.*

Taichung, Taiwan

*2012*

## SKILLS

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iOS, watchOS, Swift, Objective-C, Fastlane, Linux, C, Java, Bluetooth, ReactJS, Go, Python

## REFERENCES

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- [1] Latest App ([https://nick10811.github.io/latest\\_app/](https://nick10811.github.io/latest_app/))
- [2] Unpublished App (<https://www.beckydesign.com.tw/d9/index.html>)
- [3] Lubn Dashboard (<https://lubn.app>)
- [4] Publications (<https://nick10811.github.io/publication/>)