

Cheng-Tai Shih(施承泰, CA Shih)

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EDUCATION

NATIONAL CHUNG CHENG UNIVERSITY

Master of Science(Major in Computer Science)

Chiayi, Taiwan Sep. 2010 – July. 2012

PROFESSIONAL EXPERIENCE

Linpus Technologies, Inc

Taipei, Taiwan Oct. 2012 – Jan. 2016

Linpus is a software company(Taipei and Shanghai office) which develops Linux distribution, Android apps, and some customized software.

Linux Distribution Development

- Porting Linpus Linux to specific computers that provided by some O.E.M./O.D.M(Acer, Asus, Lenovo, ... etc.).
- Fixed issues that reported from O.E.M., O.D.M.(Acer, Asus, Lenovo, ... etc.) and the end user.
- Packaged 900+ web apps to Linpus Linux(rpm format). I designed the flow to speed up the collecting and reviewing progress.
- Porting Linux application to Linpus Linux, including VirtualBox, mono, ..., etc, and adding the kernel module to Linpus Linux kernel source code so that the kernel module will be built in by default.

Android App Development

- Help Acer to develop a customized launcher. Acer provided the launcher spec and we developed the launcher by the spec for them. Acer preloaded the launcher on their tablet.
- Developed a client app for *Linpus Linchat*^[1]. We used HTTP protocol to communicate with *Linpus Linchat*^[1] server, and used GCM for notification feature.
- Maintained all the Linpus Android apps. What I had done were fixing the issues that reported from users, adding in-app purchase methods, adding some features, and adding advertisement. The followings are the major contributions:
 - Added the emoji keyboard layout on the Linpus Traditional Chinese keyboard.
 - Optimized the next word prediction, auto-completion and auto-correction on the English input method(Linpus Keyboard).
 - Fixed the clock widget(a customized clock and weather widget that preloaded on an Acer tablets) time sync issue. It was Android 4.4.2 service issue and we fixed the issue without upgrading the Android system.

iOS App Development

- Developed a client app for *Linpus Linchat*^[1] and put at Apple app store. We used swift to develop the app and used APN and GCM for notification feature.

[1]. Linpus Linchat is an enterprise social network product which developed by Linpus.

TECHNICAL SKILL

- **Language:** Java(for Android), C, shell script, python, HTML, PHP, swift
- **Operating Systems:** Linux, UNIX
- **Database Systems:** SQLite

OTHER EXPERIENCE

- Attend hackathon at Taichung(2016.01.24). Co-work with group and develop a demo Android app to showing the information.
- Maintained NIS, NFS, DNS, Mail systems for laboratory during postgraduate(2010 ~ 2012).