
EDUCATION

- **University of Wisconsin Madison** Madison, WI
Advanced Certificate, Capstone Certificate in Computer Sciences for Professionals *Jan. 2019 – Dec. 2020*
- **Chung Shan Medical University** Taichung, Taiwan
B.B.A. in Medical Informatics; Class Rank (2/27) *Sept. 2003 - Jun. 2007*

EXPERIENCE

- **Tuileries International Ltd** Taipei, Taiwan
Co-founder & Software Engineer *Nov. 2015 - Jan. 2019*
 - **THÉS online shop:**
 - Built this web store from scratch with PHP, MVC model, Bootstrap css framework, and Symfony PHP framework.
 - Improved this website's efficiency by optimizing SQL statements, PHP OPcache, and PHP ACP.
 - Deployed this web store on Ubuntu based Google Cloud Engine system.
 - The webstore now lunched here. <http://www.thes.com.tw>
- **Viking Family International Ltd.** Taipei, Taiwan
Manager - Software Engineer *May. 2014 - Nov. 2018*
 - **Customized Odoo ERP System :**
 - Deployed a cloud open-source enterprise resource planning (Odoo ERP) software on the Linux based operating system.
 - Set up, and modified internal apps for Odoo ERP for access to the data using a web interface.
 - Customized maintainable, scalable, and deployable solutions for internal business processes in the private cloud system in Ubuntu Linux under Google Cloud. I used Python in writing this project. and I worked with MySQL to view and model data effectively.
- **PCPartner Group Ltd.** Taipei, Taiwan
Software Developer *Aug. 2012 - Mar. 2014*
 - **DLNA player for Android:**
 - This app could play Musics, Video, and Pictures to your Android device from PC and other DLNA certified devices. It can also access media from other devices(based on media server functionality.)
 - Developed with Java.
 - Used Android 4.3 Jelly Bean (API 18), 3rd party open-source API - 4thline/cling: UPnP/DLNA library to develop this android app for android based © ZOTAC TV BOX products.
 - **DLNA software for Linux server:**
 - This software application was designed for Debian based Linux device whose multimedia can be played via an Android DLNA app.
 - Mainly used C programming language in writing this software.
 - **Gallery slideshow app:**
 - This app demonstrates a slideshow feature for pictures which save in Zotec mini pc. Graphic formats including JPEG, JPG, GIF, BMP, TIF, PNG, WebP with Java in writing this app.
 - Developed this android app for android based © ZOTAC TV BOX products with Android 4.1 Jelly Bean (API 16) to
- **ASUSTeK Computer Inc.** Taipei, Taiwan
Software R&D Engineer *Jul. 2011 - Jul. 2012*
 - **Android OS Automation System:**

- Built the automated Android Image file system which could report to a software engineer the success or failure of the Image building process by Ubuntu operating system with Linux Shell, PostgreSQL, and Git.
- Integrated Jenkins - an open-source automation software and our existing automation system that enables other developers to reliably build, test, and deploy their software more visualized manner using a web interface.

- **Android Monkey Test:**

- Implemented an Android stress test tool(Monkey Test) in ASUS padphone series and Transformer series devices.

- **Asus Transformer series phone and tablet:**

- Assisted in debugging Android OS & Android apps corresponded with its current API on Asus Transformer series phone and tablet as following.
Android 2.3.3 Gingerbread (API 10)
Android 3.0 Honeycomb (API 11)
Android 3.1 Honeycomb (API 12)
Android 3.2 Honeycomb (API 13)
Android 4.0 Ice Cream Sandwich (API 14)
Android 4.0.3 Ice Cream Sandwich (API 15)
Android 4.1 Jelly Bean (API 16)

- **Viking Family International Ltd.**

Taipei, Taiwan

Web Developer

Jun. 2009 - Jun. 2011

- **Official Website For TWG TEA Taiwan:**

- Redesigned this website's front page, product pages, and member login page as its front end.
- Improved this website's efficiency by optimizing SQL statements, PHP, and based on CodeIgniter framework's MVC model.

PROGRAMMING SKILLS

- **Languages:** CSS, HTML, JavaScript, PHP, Python, C, SQL, Java
- **Technologies:** Google Cloud Engine, Git, Ubuntu Linux, Eclipse, Visual Studio Code