Samuel **Jiang**

SOFTWARE ENGINEER

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Profile

Samuel is the software engineer experienced a variety of fields with three years. He ever developed web system which communiated with wireless access points(AP) and the AP management system. He also established an automatic building and testing systems which decrease manual test and release package time.

He is responsible for work, always interested in challenging himself and learning new technologies. Now, he focuses the work on the baseboard management controller(BMC) embedded system project.

Experience

Quanta Computer Inc.   *Taoyuan*

EMBEDDED DEVELOPER   *Jun. 2018 - PRESENT*

- Ported OpenBMC system into existing server based Aspped SoC.
- Boot up OpenBMC system into extension BMC Module based Nuvoton SoC.
- Implemented NVMe hot swapping power controll on BMC.

Quanta Computer Inc.   *Taoyuan*

BACK-END WEB DEVELOPER   *Mar. 2018 - Jun. 2018*

- Implemented controll server's PSU feature on server Management system.
  e.g: read server's PSU related informations or update cold redundant setting by IPMI command.

Quanta Computer Inc.   *Taoyuan*

DEVOPS AND QA DEVELOPER   *Jul. 2017 - Mar. 2018*

- Developed the web intergration test structure by Behave and Selenium.
- Developed automatic UI intergration test workflow by Jenkins.
- Generated and managed tested environment by Vagrant and Ansible.
- Connected the Robot framework with the automatic system.
- Experiment transfer Jenkins and Selenium to Kubernetes.

Gemtek Technologies Co. Ltd   *Hsinchu*

FULL-STACK WEB DEVELOPER   *Mar. 2016 - Apr. 2017*

- Refactor web UI from Flash/Javascript to Bootstrap/JQuery.
- Developed AP captive portal workflow including advertising play and multiple login.
  e.g: login option which supported facebook, Google, App auth; advertising play like Free Wi-Fi on Bus, customed advertising interface by CKEditor.
- Responsible for AP Logged user management and history on AP manager server.
  e.g: recording user location, user level and handling wirless AP romaing user status.
- Refactor web framework form Struts2 to SpringMVC.
- Experiment dynamic advertising and App notication setting.
  e.g: dynamic advertising binding different AP Groups and notification by Firebase.

Skills

DevOps	**Web Develop**	**Embedded System**	**Programming**	**Speaking**
• Jenkins	• Spring MVC	• Yocto	• Python	• Chinese
• Vagrant	• Bootsrap 4	• Systemd	• Bash	• English
• Ansible	• jQuery	• D-Bus	• Java	
• Selenium	• MySQL	• IPMI		
• Behave, Robot Framewrok		• Devicetree in Kernel		

Presentation

Continuous integration: The three ways and Jenkins introduction   *Taipei*

SPEAKER FOR <CAT SYSTEM WORKSHOP>   *Jan. 2018*

- Continuous integration introduction
- Jenkins introduction

Continuous integration: Quick deploy by Ansible and Vagrant *Taipei*

Speaker for <Cat System Workshop> *Jan. 2018*

- Ansible introduction
- Vagrant introduction
- Selenium, Behave introduction

Education

Tamkang Unversity *Taipei, Taiwan*

B.S. in Computer Science and Engineering *Jun. 2010 - Jun. 2014*