

Personal Information

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Personal Profile

“Stay Hungry, Stay Foolish”– Steve Job

Through the overseas study experience from the past 10 years, I trained myself to be a highly self-motivated, task-oriented, and a self-disciplined person. After that, I have another two years of multi-nation working experience, which has trained me into someone who is able to adapt to the new environment and learn the new skill quickly.

Skills & Abilities

Language Proficiency	English and Chinese (Written & Spoken)
Programming Background	Java, C, C++, C#, Python, and Shell
Core Competence	Software Development, Team Management, Team Communication, Self-learning

Work Experience

01.2018 - Now	Motic China Group Co., Ltd	Software Developer
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Worked as a software developer in the Development Department, and mainly handle the following tasks

- Android software development and bug maintenance, develop different adaptations for different microscope model and use to Qihoo 360's Repluin plug-in model to develop different tools for different microscope model.
During the development process, Git is used to managing the code, an investigation is conducted before the development of new function and bug fix, then evaluate the workload. After which, the development will start, following up a self-test, finally, provide the tester with the corresponding development documents and information required for unit testing.
- Self-learning and familiar with MATLAB, and fully responsible for this new project with a USA company. Which is converting the existing 200 over MATLAB module to C++ code through Coder.
During the development process, Git is used to managing the code, and scrum meeting is held to ensure the progress of the work, to discuss the bugs and to exchange opinions.

- Self-study and get familiar with deep learning – TensorFlow. By fine-tuning the layers in the AlexNet, an image classifier model is built, which aims to classify the cell types. Due to the accuracy rate (about 85%) is not good, the image classifier did not integrate into the existing desktop software.
- Provide patches for Linux software. Automation shell scripting is used for the patch processing.
In order to ensure the correctness of the patch, the following steps are followed. Firstly, investigating on the bugs, secondly evaluating the workload, thirdly making the patch shell scripting and do a self-test on the patches, lastly provide the patch installation documentation, and assisting the customer with the patching.

08.2017 - 12.2017 IBM Manufacturing Solutions Pte Ltd. Intern – Software Developer
Worked as a software developer in the IBM Software Department – Deployment Automation Team, use Shell to handle the following tasks:

- Self-learning Jenkins then adopted a new authentication method on IBM Jenkins Server, e.g. LDAP (Lightweight Directory Access Protocol) and maintain the service.
- Self-learning Docker then uses Jenkins' job to deploy the Docker containers, to extract specific information from one container which is to pass to another job another container.
- Self-learning IBM WAS (WebSphere Application Server) and patching the server via the use of automation shell scripting.
- Self-learning IBM BPM (Business Process Manager) and patching the server via the use of automation shell scripting.
- Self-learning IBM UCD (Urban Code Deployment) and use it as a tool for the deployment automation.
- Self-learning the software version control – GitHub.

05.2017 - 07.2017 Motic China Group Co. Ltd. Intern – Software Developer
Worked as a software developer in the Software Development Department. Mainly doing the following tasks:

- Migrate a Visual Studio 2008 based desktop software to Visual Studio 2013 compatible.
- Integrate the migrated software with protection mechanism, that is, hardware dongle and software license.
- Integrate the migrated software with camera hardware.

08.2015 - 11.2015 Outsourcing Project Manager
Gathered a team of five to provide software development services to traveling company. E.g. Android, iOS, Web and UI design for the online ticket ordering system which is used for the bus services. I am taking care of the project negotiation, project development phase, and part of the Android development.

11.2014 - 06.2015	S&Z Pte Ltd.	Entrepreneur
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Join a start-up software company which is launched by a friend from NTU.
I played a part as a helper in recruitment and project planning.

教育信息

07.2014 - 12.2017	Nanyang Technological University, Singapore	Computer Engineering	Degree
03.2011 - 04.2014	Singapore Polytechnic, Singapore	Info-Communication & Design	Diploma
08.2007 - 12.2010	Montfort Secondary School, Singapore		GCE O Level

Awards

2012	Singapore Polytechnic - Merit Award - Singapore Technologies Telemedia Prize
2012	Singapore Polytechnic - Director's Honour Roll
2013	Singapore Polytechnic - Merit Award - Hutcabb Prize
2013	Singapore Polytechnic - Director's Honour Roll
2014	Singapore Polytechnic - Merit Award - Singapore Technologies Telemedia Prize
2014	Singapore Polytechnic - Diploma with Merit
2018	Nanyang Technological University – Degree with Honors (Merit)