Resumé

Chen-Han Hsiao (Stanley) 蕭辰翰

Email: chenhan.hsiao.tw at gmail.com

Work Experience

Software Developer, Freelancer Aug. 2018 - Now
- Build and design infrastructure and software with Continuous Integration/Delivery methodology on top of Amazon Web Services (AWS) cloud. Leverage S3/EC2/CodeBuild/EFS/IAM/SSM/ECS to facilitate the team collaboration.
- Deploy team development environments with kubernetes/helm. Adapt Cloud Native and Infrastructure as code concept into the software development team.

Software Engineer, Canonical Ltd. Customer Engineering. Feb. 2015 - Jul. 2018
- Help customers succeed with Ubuntu. Work on Ubuntu preload project. Resolve Ubuntu Linux preloaded issues across userspace stacks. Ensure Long-Term-Support Ubuntu works on Ubuntu Certified hardware out-of-box and deliver essential software online updates.
- Develop Ubuntu Core which focus on security, reliable updates and trust-able apps on open ecosystem. Deliver Ubuntu Core Operating system and snap packages on Dell IOT Gateway, Intel Joule Developer board and Intel Euclid Development Kit. Collaborate with commercial partners to improve factory installation of Ubuntu.
- Build and maintain infrastructure for internal image building. Improve software building process by leverage third-party Continuous Integration services.

Product Developer, Synology Inc., Apr. 2014 - Jan. 2015
- Develop Network Attached Storage (NAS) operating system and release major update pack on a regular basis, twice a year. Implement interactive web-based user interface, Web API and SDK functions. Increase usability for customers to access and share documents.
- Build software packages with Synology package framework and apply security patches regularly to enhance system security and stability.
- Provide technical support and consultation to end-customers.

Software Engineer, Micro-Star International Co., Ltd (MSI), Nov. 2010 - Sep. 2013
- Build customized Robot software and Human-Robot Interface on linux-based embedded platform with cross-platform software suite for autonomous robot field tests.

Education

National Taiwan University, Taipei, Taiwan,
- M. S., Computer Science and Information Engineering, Aug 2008 - July 2010

National Taiwan University, Taipei, Taiwan
- B. S., Mathematics, Aug 2004 - July 2008

Skills

- 9 years in software development. Experienced in large-scale open source, collaboration with cross-border colleagues and partners.
- Proficient in System diagnosis and debugging with various open-source tools, especially on Ubuntu/Debian software stack.
- Learner and practitioners for open-source, artificial intelligence and data engineering.

Publication

Chen-Han Hsiao and Chieh-Chih Wang, Achieving undelayed initialization in monocular SLAM with generalized objects using velocity estimate-based classification, Robotics and Automation (ICRA), 2011 IEEE International Conference on , pp.4060,4066, 9-13 May 2011.

Resume: https://chenhan1218.github.io/resume [PDF]