Resumé

Chen-Han Hsiao (Stanley) 蕭辰翰

Email: R97922120 at ntu.edu.tw
Tech blog: http://swem.logdown.com

Work Experience

Software Engineer, Micro-Star International Co., Ltd (MSI), Nov. 2010 - Sep. 2013

- Build software architecture for high-end vacuum robot. Design algorithms to made consumer vacuum robot being capable of localizing and navigating accurately in indoor environment.
- Implement customized Robot software and Human-Robot Interface.
- Complete field tests and Improve product reliability.

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

System Programming : Software implementation with solid coding skills on C/C++. System analysis and debugging with open-source tools such as GNU debugger, Valgrind(Find memory Leaks) and strace(Trace system call & IPC & network)

Data analysis : Using Matlab and Python (With open-source numeric and scientific package) to finding useful information for scientific and business usage.

Web Engineering: Web service bootstrap with Rails + Heroku + Amazon Web Services. Basic knowledge on web load-balancing and scaling.

Language : English: Full professional proficiency, TOEIC 945

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 , vol., no., pp.4060,4066, 9-13 May 2011.

Project

TED Open Translation Project. 2012-present

- Translate about 20 video subtitles from English to Chinese. Completed translation: http://www.ted.com/profiles/1352721/translations

Competition

Facebook Hacker Cup 2014: Rank 827
- International programming competition hosted and administered by Facebook.

Interests and Continued learning

Robotics, Machine Learning, Open Data, Open Source, Computer Security
Startup Engineering @Coursera, Software as a Service @edX, 20+ courses completed @CodeSchool

Resume: http://swem.github.io/resume [PDF]
中文履歷: http://swem.github.io/resume/resume-zh_tw.html [PDF]