

# 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-level 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.

## 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.

## 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.

## 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

Software Implementation with solid coding skills on C/C++. Problem analysis with Matlab and Python. Web service bootstrap with Rails + Heroku + Amazon Web Services.

Language:

- Chinese: Native
- English: Full professional proficiency, TOEIC 945

## 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](http://swem.github.io/resume/resume-zh_tw.html) [PDF]