

Resumé

Chen-Han Hsiao (Stanley) 蕭辰翰

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Work Experience

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

- Build software architecture for high-level vacuum robot. 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 Improving product reliability.

Teaching assistant, National Taiwan University

- CALCULUS (GENERAL MATHEMATICS), Fall 2008 & Spring 2009
- Introduction to Computer Programming, Fall 2009
 - Excellent TA Award

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>

liveptt: <http://liveptt.herokuapp.com>

- Mobile Web App for browsing PTT Bulletin Board System (Under Construction)

Competition

Facebook Hacker Cup 2013: Rank 1336

- 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

Design algorithms for Autonomous robot

Develop software tools for robot and sensor applications

Analysis product reliability.

Programming tool:

- C++, Eclipse + GNU Debugger, Matlab, Javascript, Python, Shell Script

Software Services: Amazon EC2, Heroku

Language:

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

Interests

Robotics, Machine Learning, Open Data, Open Source, Computer Security

Resume: <http://swem.github.io/resume> [PDF]

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