**TING-HUI (Maxis) KAO**

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 [nlp.cs.nthu.edu.tw/students/~maxis.kao](http://nlp.cs.nthu.edu.tw/students/~maxis.kao)

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**EDUCATION**

 [National Tsing Hua University](http://www.nthu.edu.tw/english/index.php), M.S. Computer Science, NLP Lab (GPA: 4.1)

 [National Cheng Kung University](http://english.web.ncku.edu.tw/bin/home.php), B.S. Computer Science (GPA: 3.5)

**INTERESTS**

 Natural Language Processing  Data Visualization  User Experience  UI design

 Sentiment Analysis  Computer Assisted Language Learning

**EXPERIENCE**

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| Research Assistant |  Group: Institute of Information Science |
| [**Academia Sinica**](https://www.sinica.edu.tw/main_e.shtml) |  Mentor: Dr. [Lun-Wei Ku](http://www.iis.sinica.edu.tw/pages/lwku/) |
| Nov. 2013 – Current  Taipei, Taiwan |  Projects: Capturing Emotion Events from Web Posts using Patterns  for Emotion Classification |
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| Intern |  Group: Information and Communication Research |
| **ITRI** |  Mentor: Dr. Meng-Sung Wu and Dr. Sen-Chia Chang |
| Dec. 2012 – Apr. 2013  Hsinchu, Taiwan |  Projects: Developing an intelligent search system for movies and  related comments using natural language as inputs |
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| Intern |  Group: Knowledge Mining |
| [**Microsoft Research Asia**](http://research.microsoft.com/en-us/labs/asia/) |  Mentor: Dr. [Chin-Yew Lin](http://research.microsoft.com/en-us/people/cyl/) |
| Jul. 2012 – Oct. 2012  Beijing, China |  Projects: Automatic Acquisition of Semantic Knowledge  Social Media Data Visualization (Web UI/UX design)  Knowledge-bases Construction and Integrations |
|  |  Award: Excellence Award of Microsoft Internship Program |
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| Research Assistant |  Project: iSpin: Developing several interactive systems, e.g., “[TELL](http://service.nlpweb.org/TELL/)”  and “Flashcard”, for language learning,.   Project Manager: Dr. [Chin-Tay Shih](http://mx.nthu.edu.tw/~ctshih/profile2.htm)   Advisor: Dr. Jason S. Chang |
| **NTHU** |
| Aug. 2011 – Jun. 2012  Hsinchu, Taiwan |
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| Research Assistant |  Project: Developing an fast looking up interface for several Hakka  corpora in several researches.   Advisor: Dr. [Han-Chun Huang](http://www.nhcue.edu.tw/~hchuang/) |
| **NHCUE** |
| Oct. 2011 – Jun. 2012  Hsinchu, Taiwan |

**PUBLICATIONS**

* Ting-Hui Kao, "Combining corpus statistics and knowledge base to disambiguate and acquire verb frames" *M.S. Thesis in Computer Science*, National Tsing Hua University, Taiwan, June 2013
* Ting-Hui Kao, Yu-wei Chang, Hsun-wen Chiu, Tzu-Hsi Yen, Jian-Cheng Wu, Joanne Boisson and Jason S. Chang, "CoNLL-2013 Shared Task: Grammatical Error Correction - NTHU System (Rank#2/17)" in *Proceedings of the Seventeenth Conference on Computational Natural Language Learning: Shared Task* (***CoNLL 2013***), pages 1–12, Soﬁa, Bulgaria, August 8-9 2013
* Joanne Boisson, Ting-Hui Kao, Jian-Cheng Wu, Tzu-Hsi Yen and Jason S. Chang, "Linggle: a Web-scale Linguistic Search Engine for Words in Context" in *Proceedings of the 51st Annual Meeting of the Association for Computational Linguistics* (***ACL 2013***), pages 139–144, Soﬁa, Bulgaria, August 4-9 2013.
* Meihua Chen, Shih-Ting Huang, Ting-Hui Kao, Hung-Ting Hsieh and Jason S. Chang, "FLOW: A First-Language-Oriented Writing Assistant System" in *Proceedings of the 50th Annual Meeting of the Association for Computational Linguistics* (***ACL 2012***), pages 157–162, Jeju, Republic of Korea, 8-14 July 2012
* Chung-chi Huang, Ping-che Yang, Mei-hua Chen , Ting-Hui Kao, Hung-Ting Hsieh and Jason S. Chang, "TransAhead: A Writing Assistant for CAT and CALL" in *Proceedings of the 13th Conference of the European Chapter of the Association for Computational Linguistics* (***EACL 2012***), pages 16–19, Avignon, France, April 23 - 27 2012
* Chung-Chi Huang, Mei-Hua Chen, Shih-Ting Huang, Hung-Ting Hsieh, Ting-Hui Kao, Hsien-Chin Liou, Jason S. Chang. “Automatically Generating Grammar Patterns and Lexical Bundles for Assisting Language Learners' collocation learning”, In *Proceeding of The 15th International CALL Research Conference* (***CALL 2012***)