Maxis Kao

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14F, No. 66, San-Chung Rd., Nankang Dist., Taipei 115, Taiwan

EDUCATION

- 2011 – 2013 National Tsing Hua University, M.S. Computer Science, NLP Lab
- 2007 – 2011 National Cheng Kung University, B.S. Computer Science

INTERESTS

- Natural Language Processing ▪ Data Visualization ▪ User Experience ▪ UI design
- Sentiment Analysis ▪ Computer Assisted Language Learning

EXPERIENCE

Software Engineer
Yahoo!
Dec. 2014 – Current
Taipei, Taiwan

- Product: *Yahoo Search*
  - Mainly focus on font-end development, including UI optimization, platform redesign, TW/HK initiatives (Mobile Theme and Nearby), and data analytics.
- Awards:
  - 2015 *Top Hack* of Yahoo TW/JP Joint Hackday
  - 2016 *Winner* of Yahoo Bot Challenge

Research Assistant
Academia Sinica
Nov. 2013 – Dec. 2014
Taipei, Taiwan

- Advisor: Dr. Lun-Wei Ku
- Project: *Feelit*
  - Capturing sentiment and emotion events from web blog posts by learned patterns to benefit opinion analysis and context-aware recommendation.
  - Emotion wheel visualization.

Intern
ITRI
Dec. 2012 – Apr. 2013
Hsinchu, Taiwan

- Dept.: Information and Communication Research
- Project: *MovieSearch*
  - Building an intelligent search engine, which supports human language input, to retrieve movies and comments.

Intern
Microsoft Research Asia
Jul. 2012 – Oct. 2012
Beijing, China

- Group: Knowledge Mining by Dr. Chin-Yew Lin
- Project: *NeedleSeek*
  - Web semantic and ontology mining
  - Social media data visualization
- Awards:
  - Excellence Award of Microsoft Internship Program

Research Assistant
NTHU
Aug. 2011 – Jun. 2012
Hsinchu, Taiwan

- Advisor: Dr. Jason S. Chang and Dr. Chin-Tay Shih
- Project: *iSpin*
  - Working with MIRLab to build an interactive language learning system, *TELL*, which leverages TED Talks resources to provide accurate word/sentence pronunciation.

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 (**M.S. Thesis**)

- Meihua Chen, Shih-Ting Huang, Ting-Hui Kao, Hsun-wen Chiu and Tzu-Hsi Yen, "GLANCE Visualizes Lexical Phenomena for Language Learning" in *Proceedings of the Workshop on Interactive Language Learning, Visualization, and Interfaces* (**ILLVI 2014**), pages 34–37, Baltimore, Maryland, USA, June 27, 2014

- 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**)