

Peng-Hsuan Li

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Education

- 2015–2017 **M.Sc.**, *Department of Computer Science & Information Engineering, National Taiwan University.*
– GPA 3.96/4.30, ranking 70/152
- 2011–2015 **B.Sc.**, *Department of Computer Science & Information Engineering, National Taiwan University.*
– GPA 4.08/4.30, ranking 4/111

Experience

- 2018–Current **Research Assistant**, *Institute of Information Science, Academia Sinica.*
– Named entity recognition, relation extraction
– Chinese word segmentation, sentiment analysis
– Reading comprehension, question answering
- 2014–2016 **QA Engineer**, *Trend Micro.*
– Application traffic scan engine
– User-awareness module of an intrusion prevention system
– TLS man-in-the-middle module of an intrusion prevention system
- 2013 **Intern Engineer**, *InfoKeyVault Technology.*
– Porting a secure custom Windows file system to Linux virtual file system.

Publication

- Submitted **Understanding and Improving Sequence-Labeling NER with Self-Attentive LSTMs.**
Peng-Hsuan Li and Wei-Yun Ma
- Submitted **GraphRel: Relation Extraction via Graph Convolutional Network.**
Tsu-Jui Fu, Peng-Hsuan Li, and Wei-Yun Ma
- Submitted **HWE: Word Embedding with Heterogeneous Features.**
Jhih-Sheng Fan, Mu Yang, Peng-Hsuan Li, and Wei-Yun Ma
- 2017 **Leveraging Linguistic Structures for Named Entity Recognition with Bidirectional Recursive Neural Networks.**
Peng-Hsuan Li, Ruo-Ping Dong, Yu-Siang Wang, Ju-Chieh Chou, Wei-Yun Ma
Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP)

2017 **CKIP at IJCNLP-2017 Task 2: Neural Valence-Arousal Prediction for Phrases.**

Peng-Hsuan Li, Wei-Yun Ma, Hsin-Yang Wang

Proceedings of the International Joint Conference on Natural Language Processing (IJCNLP),
Shared Tasks

Award

2017 **Top 1 Arousal, Top 3 Valence Arousal Combined, Out of 13 Teams.**

The DSAP Shared Task, IJCNLP 2017

Fall 2013 **The Presidential Award.**

National Taiwan University

Fall 2012 **The Presidential Award.**

National Taiwan University

Spring 2012 **The Presidential Award.**

National Taiwan University

Teaching

Spring 2016 **Teaching Assistant**, *Department of Computer Science & Information Engineering, National Taiwan University.*

- Course: Introduction to AI.

2011-2013 **Math Tutor**, *HER-JER Math After-class School.*

- Tutoring math problems for high school students.

- Writing detailed solution for term exams, college entrance exams.