Peng-Hsuan Li

☏ (+886) 965-444-660
✉ jacobvsdanniel@gmail.com
✉ jacobvsdanniel@iis.sinica.edu.tw
🖥 jacobvsdanniel.github.io

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.

2019   **GraphRel: Modeling Text as Relational Graphs for Joint Entity and Relation Extraction**.
Tsu-Jui Fu, Peng-Hsuan Li, and Wei-Yun Ma.
In Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics (ACL).

2019   **HWE: Word Embedding with Heterogeneous Features**.
Jhih-Sheng Fan, Mu Yang, Peng-Hsuan Li, and Wei-Yun Ma.
In Proceedings of the 13th IEEE International Conference on Semantic Computing (ICSC).

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.
In Proceedings of the 2017 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.
In Proceedings of the IJCNLP 2017, Shared Tasks.

Award

2019   **Top 2 Short Answer, Top 3 Multiple Choice, Out of 143 Teams**.
2018-2019 Formosa Grand Challenge (Chinese TOEFL-like Audio-MRQA).

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 high school students for math problem solving.
- Writing detailed solutions for term exams, college entrance exams.