Yu-Sheng (Kevin) Li

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EDUCATION

National Taiwan University, Taiwan

- M.S. in Computer Science — Sep 2018 – present
  - Advisor: Prof. Chih-Jen Lin
- B.S. in Computer Science, with minor in Mathematics — Sep 2014 – Jun 2018
  - Undergraduate GPA: 4.08 / 4.3

PUBLICATIONS

- **Yu-Sheng Li**, Wei-Lin Chiang, Ching-pei Lee. Manifold Identification for Ultimately Communication-Efficient Distributed Optimization. In *International Conference on Machine Learning (ICML), 2020.*
- Wei-Lin Chiang, **Yu-Sheng Li**, Ching-pei Lee, Chih-Jen Lin. Limited-memory Common-directions Method for Distributed L1-regularized Linear Classification. In *SIAM International Conference on Data Mining (SDM), 2018.*
- **Yu-Sheng Li**, Chien-Hui Tseng, Chian-Yun Huang, Wei-Yun Ma. Guess What: A Question Answering Game via On-demand Knowledge Validation. In *International Joint Conference on Natural Language Processing (IJCNLP), 2017.*

ACADEMIC EXPERIENCES

Internship

- RIKEN & Tohoku University NLP Lab, Japan — Sep 2019 – Jan 2020
  - Context-aware revision for academic writing assistance
- Google, Taiwan — 2019 Summer
  - Interactive clustering of microphone failure patterns
- Alibaba Group, China — 2017 Summer
  - Training time reduction by 20%-30% of OWLQN on parameter servers
- Academia Sinica, Taiwan — 2016 Summer
  - Question answering game with knowledge bases and online resources

Teaching Assistant, National Taiwan University

- Formal languages and automata theory — 2017 Fall, 2018 Fall
- Data structures and algorithms — 2017 Spring, 2020 Spring

KDD Cup 2017, NTU Team — Feb 2017 – Jun 2017

- Two tasks with final ranking **19/368** and **24/346**, respectively
- Contributions: Feature engineering, data analysis, and sequence to sequence learning

RESEARCH INTERESTS

- Optimization for large-scale machine learning
- Natural language processing

PROGRAMMING LANGUAGES

Familiar with: C/C++, Python (PyTorch, Keras, etc.)
Basic understanding: Haskell, JavaScript, Shell script, Java, MATLAB/Octave

LANGUAGES

Mandarin (native), English (fluent), Japanese (conversation)