

# Yu-Sheng (Kevin) Li

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WORKING EXPERIENCES	Dcard <ul style="list-style-type: none"><li>Machine learning engineer</li></ul> May 2021 – present
EDUCATION	National Taiwan University, Taiwan <ul style="list-style-type: none"><li>M.S. in Computer Science<ul style="list-style-type: none"><li>Advisor: Prof. Chih-Jen Lin</li></ul>Sep 2018 – Jan 2021</li><li>B.S. in Computer Science, with minor in Mathematics<ul style="list-style-type: none"><li>Undergraduate GPA: 4.08 / 4.3</li></ul>Sep 2014 – Jun 2018</li></ul>
ACADEMIC EXPERIENCES	<b>Internship</b> <ul style="list-style-type: none"><li>RIKEN &amp; Tohoku University NLP Lab, Japan<ul style="list-style-type: none"><li>Context-aware revision for academic writing assistance</li></ul>Sep 2019 – Jan 2020</li><li>Google, Taiwan<ul style="list-style-type: none"><li>Interactive clustering of microphone failure patterns</li></ul>Jul 2019 – Sep 2019</li><li>Alibaba Group, China<ul style="list-style-type: none"><li>Training time reduction by 20%-30% of OWLQN on parameter servers</li></ul>Jul 2017 – Sep 2017</li><li>Academia Sinica, Taiwan<ul style="list-style-type: none"><li>Question answering game with knowledge bases and online resources</li></ul>Jul 2016 – Sep 2016</li></ul> <b>Teaching Assistant</b> , National Taiwan University <ul style="list-style-type: none"><li>Formal languages and automata theory</li><li>Data structures and algorithms</li></ul> <b>KDD Cup 2017</b> , NTU TeamFeb 2017 – Jun 2017 <ul style="list-style-type: none"><li>Two tasks with final ranking <b>19/368</b> and <b>24/346</b>, respectively</li><li>Contributions: Feature engineering, data analysis, and sequence to sequence learning</li></ul> <b>Taiwan Linguistics Olympiad Camp</b> Jul 2019 <ul style="list-style-type: none"><li>Lecturer on computational thinking</li></ul>
PUBLICATIONS	<ul style="list-style-type: none"><li>Bowen Yuan, <b>Yu-Sheng Li</b>, Pengrui Quan, Chih-Jen Lin. Efficient Optimization Methods for Extreme Similarity Learning with Nonlinear Embeddings. In <i>ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD)</i>, 2021.</li><li><b>Yu-Sheng Li</b>, Wei-Lin Chiang, Ching-pei Lee. Manifold Identification for Ultimately Communication-Efficient Distributed Optimization. In <i>International Conference on Machine Learning (ICML)</i>, 2020.</li><li>Wei-Lin Chiang, <b>Yu-Sheng Li</b>, Ching-pei Lee, Chih-Jen Lin. Limited-memory Common-directions Method for Distributed L1-regularized Linear Classification. In <i>SIAM International Conference on Data Mining (SDM)</i>, 2018.</li></ul>

- **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.

**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)