

YI-TING YEh

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EDUCATION

- Carnegie Mellon University (CMU)** *Sep. 2020 - Aug. 2022*
Master of Science in Language Technologies
Advised by Maxine Eskenazi and Jeffery Bigham. GPA: 4.09/4.33
- National Taiwan University (NTU)** *Sep. 2018 - Jan 2020*
Master of Science in Computer Science.
Advised by Yun-Nung (Vivian) Chen. GPA: 4.20/4.30
- National Taiwan University (NTU)** *Sep. 2014 - Jun. 2018*
Bachelor of Science in Computer Science. GPA:4.14/4.30

INDUSTRY EXPERIENCES

- Yahoo!** *Jul. 2018 - Sep. 2018*
Software Engineering Intern
- Analyzed the network traffic log of Yahoo! Auctions to build a system that can automatically display customized trending words and product images to each user.
 - Collaborated with data engineers, designers, and a project manager.
- Taiwan AI Labs** *Jul. 2017 - Apr. 2018*
Software Engineering Intern
- Built an automatic news generation system that collected popular topics on the web forum.
 - Involved in the development of a chatbot system, which focused on building a social bot that can chat engagingly with humans.

PUBLICATIONS

- [1] Prakhar Gupta, Cathy Jiao, **Yi-Ting Yeh**, Shikib Mehri, Maxine Eskenazi, Jeffrey P Bigham. Improving Zero and Few-shot Generalization in Dialogue through Instruction Tuning. In *Empirical Methods in Natural Language Processing (EMNLP)*, 2022.
- [2] Ting-Rui Chiang, Yi-Pei Chen, **Yi-Ting Yeh**, and Graham Neubig. Breaking Down Multilingual Machine Translation. In *Findings of Association for Computational Linguistics (ACL)*, 2022.
- [3] **Yi-Ting Yeh**, Ting-Rui Chiang, Yau-Shian Wang, and Ta-Chung Chi. Are You Doing What I Say? On Modalities Alignment in ALFRED. In *Novel Ideas in Learning-to-Learn through Interaction Workshop (NILLI) in Empirical Methods in Natural Language Processing (EMNLP)*, 2021.
- [4] Ting-Rui Chiang, and **Yi-Ting Yeh**. Improving Dialogue State Tracking by Joint Slot Modeling. In *NLP for Conversational AI Workshop (NLP4ConvAI) in Empirical Methods in Natural Language Processing (EMNLP)*, 2021.
- [5] **Yi-Ting Yeh**, Maxine Eskenazi, and Shikib Mehri. A Comprehensive Assessment of Dialog Evaluation Metrics. In *Evaluations and Assessments of Neural Conversation Systems Workshop (EANCS) in Empirical Methods in Natural Language Processing (EMNLP)*, 2021.
- [6] **Yi-Ting Yeh**, and Yun-Nung Chen. QAInfomax: Learning Robust Question Answering System by Mutual Information Maximization. In *Empirical Methods in Natural Language Processing (EMNLP)*, 2019. (Oral Paper Presentation).

- [7] **Yi-Ting Yeh**, and Yun-Nung Chen. FlowDelta: Modeling Flow Information Gain in Reasoning for Conversational Machine Comprehension . In *Machine Reading for Question Answering Workshop (MRQA) in Empirical Methods in Natural Language Processing (EMNLP)*, 2019.
- [8] **Yi-Ting Yeh**, Tzu-Chuan Lin, Hsiao-Hua Cheng, Yi-Hsuan Deng, Shang-Yu Su, and Yun-Nung Chen. Reactive Multi-Stage Feature Fusion for Multimodal Dialogue Modeling. In *7th Dialog System Technology Challenge (DSTC7) in Association for the Advancement of Artificial Intelligence (AAAI)*, 2019.
- [9] Shang-Yu Su, Kai-Ling Lo, **Yi-Ting Yeh**, and Yun-Nung Chen. Natural Language Generation by Hierarchical Decoding with Linguistic Patterns. In *North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT)*, 2018.

AWARDS AND HONORS

<i>ACLCLP Best Master Thesis Award</i>	<i>2020</i>
<i>Garmin Scholarship Program</i>	<i>2019</i>
<i>Verizon Media Scholarship Program, Travel Grant for EMNLP 2019</i>	<i>2019</i>
<i>Formosa Spoken QA Challenge, First Place</i>	<i>2019</i>
<i>Undergraduate Research Project Exhibition, Second Place</i>	<i>2018</i>
<i>Undergraduate Research Project Exhibition, Appier Selected Prize</i>	<i>2018</i>

PROFESSIONAL ACTIVITIES

Presentation: NSF Future Directions Evaluation Workshop (2021)

Conference Review: EMNLP (2021), NLP4ConvAI Workshop (2019, 2021)

Teaching Assistant: Applied Deep Learning (2017, 2019), Advanced Deep Learning (2018)

SKILLS

Programming Languages: Python, C, C++, JavaScript, Shell Scripting, Git

Deep Learning Frameworks: Pytorch, Tensorflow, Keras

Web Development: Django, React, Flask

Languages: Mandarin Chinese (Native), English (Fluent), Japanese (Fluent)