CHI-YANG HSU

1400 Martin Street, Unit 1011⋄ State College, Pennsylvania, 16803

(+886) 939 158 954 ⋄ ethanhsu1000@gmail.com ⋄ ethan5437.github.io

OBJECTIVE

I am broadly interested in machine learning, primarily in (but not limited to) natural language processing (NLP) and computational social science, and the applications to social good and vision-to-language.

EDUCATION

Penn State University *Class of 2021*
Department of Information Sciences and Technology – Master of Science

Penn State University *Class of 2019*
Department of Information Sciences and Technology – Bachelor of Science

PUBLICATIONS

1. **Learning to Rank Visual Stories From Human Ranking Data**
   Chi-Yang Hsu, Yun-Wei Chu, Vincent Chen, Kuan-Chieh Lo, Chacha Chen, Ting-Hao K. Huang, Lun-Wei Ku,
   Published in ACL 2022 (8 pages) [PDF]

2. **Plot and Rework: Modeling Storylines for Visual Storytelling**
   Chi-Yang Hsu, Yun-Wei Chu, Ting-Hao (Kenneth) Huang, Lun-Wei Ku. Published in ACL-IJCNLP 2021 Findings (8 pages) [arXiv]

3. **Stretch-VST: Getting Flexible With Visual Stories**
   Chi-Yang Hsu, Yun-Wei Chu, Tsai-Lun Yang, Ting-Hao (Kenneth) Huang, Lun-Wei Ku. Published in ACL-IJCNLP 2021 Demo (6 pages) [VIDEO][DEMO]

4. **Using Tweets to Assess Mental Well-being of Essential Workers During the COVID-19 Pandemic**
   Johnna Blair, Chi-Yang Hsu, Ling Qiu, Shih-Hong Huang, Ting-Hao (Kenneth) Huang, Saeed Abdullah. Published in CHI LBW 2021 [ACM DL][PDF][NEWS]

5. **Knowledge-Enriched Visual Storytelling**
   Chao-Chun Hsu, Zi-Yuan Chen, Chi-Yang Hsu, Chih-Chia Li, Tzu-Yuan Lin, Ting-Hao 'Kenneth' Huang, Lun-Wei Ku. Published in AAAI 2020 [arXiv]

6. **Navigating Ride-Sharing Regulations: How Regulations Changed the 'Gig' of Ride-Sharing for Drivers in Taiwan**
   Anita Chen, Chien-Wen Yuan, Ning F. Ma, Chi-Yang Hsu, Benjamin V. Hanrahan. Published in CHI 2019 [ACM DL][PDF]

RESEARCH EXPERIENCE

University of Washington – Behavioral Data Science Group July 2021 – present
NLP Research Intern – Supervised by Prof. Tim Althoff

Academia Sinica – NLPSA Lab (中研院, 台灣) May 2019 - June 2021
NLP Research Assistant – Supervised by Dr. Lun-Wei Ku

Penn State University – Crowd-AI Lab August 2019 - June 2021
Lab Member – Supervised by Professor Ting-Hao (Kenneth) Huang