

ETHAN HSU

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OBJECTIVE

Newly graduated Master's student looking for a summer research internship in machine learning, focusing on natural language processing, vision-and-language, and social media analysis.

EDUCATION

Penn State University

Class of 2021

Master of Information Sciences and Technology
College of Information Sciences and Technology

Penn State University

Class of 2019

Bachelor of Science in Information Sciences and Technology
College of Information Sciences and Technology

PUBLICATIONS

Plot and Rework: Modeling Storylines for Visual Storytelling

Chi-Yang Hsu, Yun-Wei Chu, Ting-Hao (Kenneth) Huang, Lun-Wei Ku. To appear in ACL-IJCNLP 2021 Findings (8 pages) [\[arXiv\]](#)

Stretch-VST: Getting Flexible With Visual Stories

Chi-Yang Hsu, Yun-Wei Chu, Tsai-Lun Yang, Ting-Hao (Kenneth) Huang, Lun-Wei Ku. To appear in ACL-IJCNLP 2021 Demo (6 pages) [\[VIDEO\]](#)[\[DEMO\]](#)

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 [\[ACM DL\]](#)[\[PDF\]](#)[\[NEWS\]](#)

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 [\[arXiv\]](#)

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

Academia Sinica – NLPSA (中研院, 台灣)

May 2019 - June 2021

NLP Research Assistant – Supervised by Dr. Lun-Wei Ku

- Researched in natural language generation and evaluation in Visual Storytelling.

Penn State University – Crowd-AI Lab

August 2019 - June 2021

Lab Member – Supervised by Professor Ting-Hao (Kenneth) Huang

- Researched in natural language generation and evaluation in Visual Storytelling.
- Researched in Applications of NLP in pandemic and disaster related topics.