ZIWEI JI

Email: zjiad@connect.ust.hk ◇ Website: ziweiji.github.io ◇ Phone: +852-67431247

EDUCATION

The Hong Kong University of Science and Technology — Hong Kong, China
Ph.D. Candidate in ECE Department (NLP, Dialogue System, Faithfulness etc.) — Sept. 2019 - Present

Huazhong University of Science and Technology — Wuhan, China
B.Sc. in Electronic Science and Technology (GPA: 3.97/4.0, Rank: 1/156) — Sept. 2015 - Jun. 2019

PROJECT

AI Film — Feb. 2020 - Feb. 2022
Center for Artificial Intelligence Research (CAiRE) & Central Academy of Fine Arts (CAFA)

- Design a genre-controllable and plot-guided film script generation system.
- Collect a video database from social media and retrieve video clips based on the scripts.
- Develop a user interface for demonstration.

SELECTED PUBLICATIONS

Reducing Hallucination in Open-domain Dialogue Systems with Enhanced Knowledge Grounding — under review
Ziwei Ji, Zihan Liu, Nayeon Lee, Tiezheng Yu, Pascale Fung, et al.

Survey of Hallucination in Natural Language Generation — ACM Computing Surveys 2022
Ziwei Ji, Nayeon Lee, Rita Frieske, Pascale Fung, et al.

Plausible May Not Be Faithful: Probing Object Hallucination in Vision-Language Pre-training — under review
Wenliang Dai, Zihan Liu, Ziwei Ji, Dan Su, Pascale Fung

VScript: Controllable Script Generation with Visual Presentation — AACL Demo 2022
Ziwei Ji, Yan Xu, I-Tsun Cheng, Pascale Fung, et al.

CrossNER: Evaluating Cross-Domain Named Entity Recognition — AAAI 2021
Zihan Liu, Yan Xu, Tiezheng Yu, Wenliang Dai, Ziwei Ji, Samuel Cahyawijaya, Pascale Fung, et al.

Multi-hop Question Generation with Graph Convolutional Network — EMNLP 2020 Findings
Dan Su, Yan Xu, Wenliang Dai, Ziwei Ji, Tiezheng Yu, Pascale Fung

Model Generalization on COVID-19 Fake News Detection — ACL CONSTRAINT 2021
Ziwei Ji[1], Yejin Bang[1], Etsuko Ishii[1], Samuel Cahyawijaya[1], Pascale Fung

WORK EXPERIENCE

Research Intern — Sept. 2017 - Feb. 2018
Wuhan National Laboratory for Optoelectronics — Wuhan, China

- Numerical simulation of electrokinetic phenomena in nano fluidics.
- Publish two papers about the impact of membrane surface charges and ionization equilibrium of weak electrolytes.

SELECTED AWARDS

National Scholarship (3 times, 1%) — 2016, 2017, 2018
Outstanding Undergraduates in Term of Academic Performance (1%) — 2016
Merit Student at Huazhong University of Science and Technology (3 times, 3%) — 2016, 2017, 2018

SKILLS AND OTHERS

Skills — Python, Pytorch, C, JavaScript, HTML, MATLAB, Photoshop, Premiere Pro
Languages — Chinese (Mother Tongue), English (Full-Proficiency)

[1]Equal Contribution