

YU FEI

yu.fei@uci.edu

EDUCATION

University of California, Irvine

Ph.D. Student, Computer Science

09/2023 – Present
California, United States

- Advisor: Prof. Sameer Singh

ETH Zurich

M.Sc. in Computer Science, with distinction, GPA: 5.84/6, top 3%

09/2019 – 06/2022
Zurich, Switzerland

- Thesis advisor: Prof. Mrinmaya Sachan

Peking University

B.Sc. in Theoretical and Applied Mechanics, GPA: 3.71/4.0, top 10%

09/2015 – 07/2019
Beijing, China

- Thesis advisor: Prof. Yizhou Wang

EMPLOYMENT

ETH Zurich

Scientific Assistant, Advisor: Prof. Mrinmaya Sachan

02/2023 – 04/2023
Zurich, Switzerland

EPFL

Research Intern, Advisor: Prof. Antoine Bosselut

07/2022 – 01/2023
Lausanne, Switzerland

PUBLICATIONS & PREPRINTS

- [1] *Nudging: Inference-time Alignment via Model Collaboration*
Preprint. Under review.
Yu Fei, Yasaman Razeghi, and Sameer Singh.
- [2] *Towards a Mechanistic Interpretation of Multi-Step Reasoning Capabilities of Language Models*
EMNLP 2023
Yifan Hou, Jiaoda Li, **Yu Fei**, Alessandro Stolfo, Wangchunshu Zhou, Guangtao Zeng, Antoine Bosselut, Mrinmaya Sachan.
- [3] *Mitigating Label Biases for In-context Learning*
ACL 2023
Yu Fei, Yifan Hou, Zeming Chen, Antoine Bosselut.
- [4] *Beyond Prompting: Making Pre-trained Language Models Better Zero-shot Learners by Clustering Representations*
EMNLP 2022
Yu Fei, Zhao Meng, Ping Nie, Roger Wattenhofer, Mrinmaya Sachan.
- [5] *Align, Attend and Locate: Chest X-Ray Diagnosis via Contrast Induced Attention Network With Limited Supervision*
ICCV 2019
Jingyu Liu, Gangming Zhao, **Yu Fei**, Ming Zhang, Yizhou Wang, Yizhou Yu

SKILLS

Language: Native Mandarin, Fluent in English (TOEFL 113), Japanese (JLPT level N2-equivalent)

Programming: Python, Pytorch, MATLAB, C, C++, Java, JavaScript, and L^AT_EX