

FAN YIN

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<https://fanyin3639.github.io/>

PERSONAL INFORMATION

Gender: Male

Date of Birth (MM/DD/YYYY): 10/16/1997

Place of Birth: Beijing, China

Home Address: 1400 Kelton Ave, Unit 202, Los Angeles, CA, 90024

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EDUCATION

Ph.D student University of California, Los Angeles, CA, USA

September 2020 -

Computer Science department

Research assistant of UCLA-NLP group, advisor: Kai-Wei Chang

GPA: 3.75

B.S. Peking University, Beijing, China

September 2016 - July 2020

School of Electronics Engineering and Computer Science

Major: Computer Science

major GPA: 3.62

RESEARCH INTERESTS

Interpretability and Robustness of algorithms and models (in NLP)

PUBLICATION

Fan Yin, Zhouxing Shi, Cho-Jui Hsieh, and Kai-Wei Chang. On the sensitivity and stability of model interpretations. In *ACL*, 2022

ACL 2022, full paper

Fan Yin, Quanyu Long, Tao Meng, and Kai-Wei Chang. On the robustness of language encoders against grammatical errors. In *ACL*, 2020

ACL 2020, full paper

Xiaoya Li, **Fan Yin**, Zijun Sun, Xiayu Li, Arianna Yuan, Duo Chai, Mingxin Zhou, and Jiwei Li. Entity-relation extraction as multi-turn question answering. *CoRR*, abs/1905.05529, 2019

ACL 2019, full paper, equal contribution

Yuxian Meng, Wei Wu, Fei Wang, Xiaoya Li, Ping Nie, **Fan Yin**, Muyu Li, Qinghong Han, Xiaofei Sun, and Jiwei Li. Glyce: Glyph-vectors for chinese character representations. *arXiv preprint arXiv:1901.10125*, 2019

NeurIPS 2019, full paper

RESEARCH & WORK EXPERIENCE

Applied Scientist Intern, Amazon AWS, remote

June 2021 - September 2021

- Building efficient Transformer with knowledge distillation and CNN, mentored by Prof. He He. A short paper in submission to EMNLP 2022.

Summer intern, UCLA-NLP group

July 2019 - September 2019

- Evaluating and analyzing the robustness of language models against natural grammatical errors, advised by Prof. Kai-Wei Chang. A long paper accepted by ACL 2020.

Intern, Beijing ShannonAI Huiyu Technology Co., Ltd

January 2019 - December 2019

- Entity relation extraction from texts using multi-turn QA systems. A long paper accepted by ACL 2019.
- Glyph representations for Chinese characters. A long paper accepted by NeurIPS 2019.
- Information extraction from IPO prospectus.

Research intern, Wangxuan Institute of Computer Technology, Peking University
January 2019

April 2018 -

- Unsupervised text generation from RDF data in the web, advised by Prof. Xiaojun Wan.

TEACHING EXPERIENCE

1. Teaching Assistant, UCLA CS M146, Introduction to Machine learning, Fall 2021, with Prof. Kai-Wei Chang
2. Teaching Assistant, UCLA CS M146, Introduction to Machine learning, Winter 2022, with Prof. Sriram Sankararaman
3. Teaching Assistant, UCLA CS M146, Introduction to Machine learning, Spring 2022, with Prof. Aditya Grover

SERVICES

Reviewer: ARR for ACL 2022, NAACL 2022, NAACL Student Research Workshop 2022.

AWARDS AND HONORS

Excellent Graduate, Peking University	July 2020
Merit Student, Peking University	October 2019
Peking University Scholarship, Peking University	October 2019
2 nd Prize in Chinese Physics Olympiad	November 2015