

YAFU LI

Hangzhou, Zhejiang, China 310024

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EDUCATION

Zhejiang University, School of Computer Science and Technology *09/2020 - Now*

Westlake University, Text Intelligence Lab *09/2020 - Now*

Doctoral student in Computer Science and Technology, supervised by [Prof. Yue Zhang](#).

- Research Interests: Machine translation and natural language generation

University of Edinburgh, School of Informatics *09/2017 - 11/2018*

Master of Science in Artificial Intelligence, supervised by [Prof. Alex Lascarides](#).

- Class of Award with Distinction
- Overall Percentage: 79/100

Wuhan University, School of Electronic Information *09/2013 - 06/2017*

Bachelor of Engineering in Electronic Information Engineering, supervised by Prof. Fangling Pu.

- Class of Excellent Engineer
- China Telecom Scholarship
- Overall Percentage: 89/100

PUBLICATIONS

- Conference Papers
 - **Yafu Li**, Yongjing Yin, Yulong Chen, Yue Zhang. [On Compositional Generalization of Neural Machine Translation](#). ACL-2021 Main Conference.
 - Xuefeng Bai, **Yafu Li** et al. [Sentence-State LSTMs For Sequence-to-Sequence Learning](#). NLPCC 2021.
 - **Yafu Li**, Yongjing Yin, Jing Li, Yue Zhang. [Prompt-Driven Neural Machine Translation](#). ACL 2022 Findings.
 - Yongjing Yin, **Yafu Li**, et al. Categorizing Semantic Representations for Neural Machine Translation. COLING 2022.
 - **Yafu Li**, et al. Multi-Granularity Optimization for Non-Autoregressive Translation. EMNLP 2022.
 - **Yafu Li**, et al. Explicit Syntactic Guidance for Neural Text Generation. ACL 2023.
 - Yongjing Yin, Jiali Zeng, **Yafu Li**, et al. Consistency Regularization Training for Compositional Generalization. ACL 2023.
 - GLUE-X: Evaluating Natural Language Understanding Models from an Out-of-Distribution Generalization Perspective. Linyi Yang, Shuibai Zhang, Libo Qin, **Yafu Li**, Yidong Wang, Hanmeng Liu, Jindong Wang, Xing Xie and Yue Zhan. ACL 2023 Findings.
 - Revisiting Cross-Lingual Summarization: A Corpus-based Study and A New Benchmark with Improved Annotation. Yulong Chen, Huajian Zhang, Yijie Zhou, Xuefeng Bai, Yueguan Wang, Ming Zhong, Jianhao Yan, **Yafu Li**, Judy Li, Xianchao Zhu and Yue Zhang. ACL 2023.

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- Journal Papers

- Leyang Cui*, **Yafu Li***, Yue Zhang. [Label Attention Network for Structured Prediction](#).
IEEE/ACM Transactions on Audio, Speech, and Language Processing (TASLP).

PROFESSIONAL EXPERIENCE

Research intern at Natural Language Processing Center, Tencent AI lab *09/2022 - Now*

- Research in natural language generation and LLMs-related topics.
- Honor: 2023 Tencent Rhino Bird Elite Talent Program

Algorithm engineer at Machine Translation Group, Noah Ark's Lab *12/2018 - 06/2020*

- Principle developers for NMT model design and implementation;
- Building and maintaining NMT systems for Huawei cloud services and end devices.

Dissertation for Master Degree, University of Edinburgh *05/2018 - 09/2018*

Project: *Language Grounding from Evidence involving Quantification*.

Undergraduate Research Project, Wuhan University *12/2014 - 07/2016*

Project: *Meteorological Data Driven Methods of Surface Deformation Detection Based on Wireless Sensor Network*.

TECHNICAL STRENGTHS

Programming	Python, C/C++, Shell, Linux
Machine Learning Framework	Pytorch, Tensorflow
Machine Translation Toolkit	Fairseq
English	TOEFL 109