

Yang Liu

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Education

Tianjin University, China

Master Degree of Computer Science (advised by Prof. Yuexian Hou)

Sept. 2019 - Dec. 2022

Thesis title: *Mining Effective Features Using Quantum Entropy for Humor Recognition*

Tianjin Normal University, China

Bachelor Degree of Software Engineering

Sept. 2012 - Jun. 2016

Experiences

Independent Researcher

Mar. 2023 - Now

Research social biases in language modeling and look for opportunities for a PhD position.

Antrou Co. Ltd.

Sept. 2019 - Mar. 2023

Senior Software Engineer (part-time)

Technical Support.

Antrou Co. Ltd.

Jul. 2017 - Sept. 2019

Senior Software Engineer

Geographical Information System base on Three.js and Security Management System for Petrochemical Industry.

Publications

Yang Liu. *Quantifying Stereotypes in Language*. EACL, 2024. (single-authored work)

Yang Liu. *Robust Evaluation Measures for Evaluating Social Biases in Masked Language Models*. AAAI, 2024. (single-authored work)

Yang Liu and Yuexian Hou. *Syntax-Aware Complex-Valued Neural Machine Translation*. ICANN, 2023.

Yang Liu and Yuexian Hou. *Mining Effective Features Using Quantum Entropy for Humor Recognition*. EACL(Short Findings), 2023.

Technical Skills

Programming: Python, PyTorch, Java, Javascript, CSS

Techniques: Natural Language Processing, Deep Learning, Machine Learning, Quantum Theory, WEB Application Development

Links

Personal Blog: <https://www.nlply.tech>

Github: <https://github.com/nlply>

Huggingface: <https://huggingface.co/lauyon>

Reviewer

2023: EMNLP, ACL