Yapei Chang

⚲ College Park, MD   ✉ yapeic@umd.edu   🔗 https://lilakk.github.io/   ⌗ lilakk

Technical Skills

Python, PyTorch, distributed training, AWS, Golang, Java, JavaScript, C

Education

University of Maryland, College Park   *Jan 2025 – Present*
PhD in Computer Science
- Advised by [Prof. Mohit Iyyer](#) ⬈

University of Massachusetts Amherst   *Sep 2022 – Jan 2025*
MS/PhD in Computer Science
- Advised by [Prof. Mohit Iyyer](#) ⬈, completed 2.5 years here before transferring

Smith College   *Sep 2018 – May 2022*
BA in Computer Science; Minor in Mathematics

Work Experience

Software Developer Engineer Intern *Amazon (Seattle, WA)*   *May 2021 – Aug 2021*
- Worked as a full-stack developer in the Make on Demand team on printer quality assurance.
- Skills involved: React, TypeScript, single-table non-relational database design, DynamoDB, Golang, GraphQL, AWS state machines and other AWS microservices.

Ongoing Projects

Long-context instruction tuning of language models   *Aug 2024 – Present*
- Finetuning open-source models on long-form instruction data with distributed training optimizations (FSDP, DeepSpeed-Ulysses) and streaming datasets.

Publications

PostMark: A Robust Blackbox Watermark for Large Language Models   EMNLP 2024
Yapei Chang, Kalpesh Krishna, Amir Houmansadr, John Wieting, Mohit Iyyer
[PDF](#) ⬈

FABLES: Evaluating faithfulness and content selection in book-length summarization   COLM 2024
Yekyung Kim, *Yapei Chang*, Marzena Karpinska, Aparna Garimella, , Varun Manjunatha, Kyle Lo, Tanya Goyal, Mohit Iyyer
[PDF](#) ⬈

BooookScore: A Systematic Exploration of Book-length Summarization in the Era of LLMs   ICLR 2024
Yapei Chang, Kyle Lo, Tanya Goyal, Mohit Iyyer   **Oral Presentation** (Top 1.2%)
[PDF](#) ⬈

RankGen: Improving Text Generation with Large Ranking Models   EMNLP 2022
Kalpesh Krishna, *Yapei Chang*, John Wieting, Mohit Iyyer   **Oral Presentation** (Top 21.1%)
[PDF](#) ⬈

RELiC: Retrieving Evidence for Literary Claims   ACL 2022
Katherine Thai, *Yapei Chang*, Kalpesh Krishna, Mohit Iyyer
[PDF](#) ⬈

A Broader Range for 'Meaning the Same Thing': Human Against Machine on Hard Paraphrase Detection Tasks   ACS 2020

Jamie C. Macbeth, **Yapei Chang**, Jingyu Gin Chen, Yining Hua, Sandra Grandic, Winnie X. Zheng

[PDF](#)

Teaching

PhD Mentor for the UMass Industry Mentor Program	*Feb 2024 – May 2024*
TA for CS685 Advanced Natural Language Processing	*Feb 2023 – May 2023*

Community Service

ACL ARR Reviewer
- October 2024, August 2024, June 2024, and a few cycles in 2023

ICLR Reviewer
- 2025