

# Da Yin

University of California, Los Angeles (UCLA)  
UCLA NLP Group

da.yin@cs.ucla.edu  
[wadeyin9712.github.io](https://github.com/wadeyin9712)  
[Google Scholar](#)

## Education

- **University of California, Los Angeles (UCLA)** Sept 2020 -  
*CS Ph.D. Candidate*
  - **Amazon PhD Fellow**
  - Advised by Prof. Kai-Wei Chang
- **Peking University** 2016 - 2020  
*Undergraduate Student*
  - Supervised by Prof. Xiaojun Wan and Prof. Baobao Chang

## Publication & Manuscript

- **Lumos: Language Agents with Unified Formats, Modular Design, and Open-Source LLMs**
  - Da Yin, Faeze Brahman, Abhilasha Ravichander, Khyathi Chandu, Kai-Wei Chang, Yejin Choi, Bill Yuchen Lin.
  - Submitted to ICLR 2024 (Arxiv soon coming)
- **Dinosaur: A Dynamic Growth Paradigm for Instruction-Tuning Data Curation**
  - Da Yin\*, Xiao Liu\*, Fan Yin\*, Ming Zhong\*, Hritik Bansal, Jiawei Han, Kai-Wei Chang.
  - EMNLP 2023. (Equal Contribution) [\[Paper\]](#) [\[Code\]](#) [\[Project Page\]](#)
- **KPEval: Towards Fine-grained Semantic-based Evaluation of Keyphrase Extraction and Generation Systems**
  - Di Wu, Da Yin, Kai-Wei Chang.
  - Arxiv 2303.15422. [\[Paper\]](#)
- **LEAF: Linguistically Enhanced Event Temporal Relation Framework**
  - Stanley Lim, Da Yin, Nanyun Peng.
  - Pan-DL @ EMNLP 2023. [\[Paper\]](#)
- **The Magic of IF: Investigating Causal Reasoning Abilities in Large Language Models of Code**
  - Xiao Liu, Da Yin, Chen Zhang, Yansong Feng and Dongyan Zhao.
  - ACL 2023 Findings. [\[Paper\]](#) [\[Code\]](#)
- **GIVL: On Improving Geographical Inclusivity of Vision-and-Language Models with Pre-Training Methods**
  - Da Yin, Feng Gao, Govind Thattai, Michael Johnston, Kai-Wei Chang.
  - CVPR 2023. [\[Paper\]](#)
- **GeoMLAMA: Geo-Diverse Commonsense Probing on Multilingual Pre-Trained Language Models**
  - Da Yin, Hritik Bansal, Masoud Monajatipoor, Liunian Harold Li, Kai-Wei Chang.
  - EMNLP 2022. [\[Paper\]](#) [\[Code\]](#) (Oral, 175/4100≈4.3%)
- **How well can Text-to-Image Generative Models understand Ethical Natural Language Interventions?**
  - Hritik Bansal\*, Da Yin\*, Masoud Monajatipoor, Kai-Wei Chang.
  - EMNLP 2022. (Equal Contribution) [\[Paper\]](#) [\[Code\]](#) (Oral, 175/4100≈4.3%)
- **Towards a Unified Multi-Dimensional Evaluator for Text Generation**

- Ming Zhong, Yang Liu, **Da Yin**, Yuning Mao, Yizhu Jiao, Pengfei Liu, Chenguang Zhu, Heng Ji, Jiawei Han.
- **EMNLP 2022**. [Paper] [Code] (Oral, 175/4100≈4.3%)
- **Things not Written in Text: Exploring Spatial Commonsense from Visual Signals**
  - Xiao Liu, **Da Yin**, Yansong Feng, Dongyan Zhao.
  - **ACL 2022**. [Paper] [Code]
- **A Survey of Knowledge-Intensive NLP with Pre-Trained Language Models**
  - **Da Yin**, Li Dong, Hao Cheng, Xiaodong Liu, Kai-Wei Chang, Furu Wei, Jianfeng Gao.
  - Presented at **Spa-NLP @ ACL 2022**. [Paper]
- **Broaden the Vision: Geo-Diverse Visual Commonsense Reasoning**
  - **Da Yin**, Liunian Harold Li, Ziniu Hu, Nanyun Peng, Kai-Wei Chang.
  - **EMNLP 2021**, Presented at CSRR @ ACL 2022. [Paper] [Code] [Project Page] [Video] (Oral, 315/3600≈8.8%)
- **Everything Has a Cause: Leveraging Causal Inference in Legal Text Analysis**
  - Xiao Liu\*, **Da Yin\***, Yansong Feng, Yuting Wu, Dongyan Zhao.
  - **NAACL 2021** (Equal Contribution). [Paper] [Code] (Oral)
- **QMSum: A New Benchmark for Query-based Multi-domain Meeting Summarization**
  - Ming Zhong\*, **Da Yin\***, Tao Yu, Ahmad Zaidi, Murori Mutuma, Rahul Jha, Ahmed Hassan Awadallah, Asli Celikyilmaz, Yang Liu, Xipeng Qiu, Dragomir Radev.
  - **NAACL 2021** (Equal Contribution). [Paper] [Code] (Oral)
- **SentiBERT: A Transferable Transformer-based Architecture for Compositional Sentiment Semantics**
  - **Da Yin**, Tao Meng, Kai-Wei Chang.
  - **ACL 2020**. [Paper] [Code]
- **What Does BERT with Vision Look At?**
  - Liunian Harold Li, Mark Yatskar, **Da Yin**, Cho-Jui Hsieh, Kai-Wei Chang.
  - **ACL 2020**. [Paper] [Code]
- **VisualBERT: A Simple and Performant Baseline for Vision and Language**
  - Liunian Harold Li, Mark Yatskar, **Da Yin**, Cho-Jui Hsieh, Kai-Wei Chang.
  - Arxiv 1908.03557. [Paper] [Code]
- **Interactive Multi-Grained Joint Model for Targeted Sentiment Analysis**
  - **Da Yin\***, Xiao Liu\*, Xiaojun Wan.
  - **CIKM 2019** (Equal Contribution). [Paper] (Oral)
- **A Soft Label Strategy for Target-Level Sentiment Classification**
  - **Da Yin**, Xiao Liu, Xiuyu Wu, Baobao Chang.
  - **WASSA @ NAACL 2019**. [Paper] (Oral)

## Internship

- **Jun 2023 - Present AI2 Mosaic Team**, Training Language Agents with Unified Formats, Modular Design, and Open-Source LLMs.  
Mentors: Bill Yuchen Lin, Faeze Brahman, Abhilasha Ravichander, Khyathi Chandu, Yejin Choi.
- **June 2022 - Dec 2022 Amazon Alexa AI Natural Understanding**, GIVL: On Improving Geographical Inclusivity of Vision-and-Language Models with Pre-Training Methods.  
Mentors: Feng Gao, Govind Thattai, Michael Johnston, Kai-Wei Chang.
- **June 2021 - Sep 2021 Microsoft Research & Microsoft Research Asia**, Survey on Knowledge-Enhanced Methods on Knowledge-Intensive NLP Tasks.  
Mentors: Xiaodong Liu, Li Dong, Furu Wei, Jianfeng Gao.
- **May 2020 - Nov 2020 Yale & Microsoft Research**, Query-based Meeting Summarization.  
Mentors: Tao Yu, Rahul Jha, Ahmed Hassan Awadallah, Asli Celikyilmaz, Dragomir Radev.

## Selected Awards

- **Sep 2022** Amazon PhD Fellowship
- **Sep 2020** UCLA Graduate Division Fellowship
- **Sep 2019** UCLA CSST Honorable Mention of Best Presentation
- **Apr 2019** UCLA CSST Scholarship

## Teaching & Talks

- Winter 2023, **Building Generalizable and Inclusive Language Processing Models Across Tasks and User Groups**, CS 201, Computer Science Seminar, UCLA.
- Spring 2022, **CS 31**, Introduction to Computer Science, UCLA.
- Fall 2021, Winter 2022, **CS M146**, Introduction to Machine Learning, UCLA.

## Service

- The 4th Southern California Natural Language Symposium (SoCal NLP), Publicity chair.
- The 1st Multilingual Multimodal Learning Workshop @ ACL 2022, Co-organizer
- ICLR 2024, {ACL, EMNLP, NeurIPS, Instruction Workshop @ NeurIPS} 2023, {ACL, EMNLP, ACL SRW, ARR} 2022, {ACL, EMNLP} 2021, NAACL SRW 2021 Program Committee
- EMNLP 2021 Volunteer