

# Yanchen Liu

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## EDUCATION

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### Harvard University

2022 - 2024

MS in Data Science

Cross-Registration in Computer Science at [MIT](#)

**Advisors:** Prof. Jiaqi Ma and Prof. Himabindu Lakkaraju

### Technical University of Munich

2018 - 2022

BS in Computer Science with Highest Honors

Minor in Computational Linguistics at [Ludwig Maximilian University](#)

**Advisors:** Timo Schick and Prof. Hinrich Schütze

Major GPA: 1.2/1.0 (3.97/4.0)      Minor GPA: 1.0/1.0 (4.0/4.0)

Rank: **top 1%** with most courses passed with full scores (1.0/A+), particularly in all math

## ACHIEVEMENTS

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[best.in.tum](#)

Apr. 2020

*promotion of the best students*

*TU Munich, DE*

## PUBLICATIONS

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- [1] [PrivacyLens: Evaluating Privacy Norm Awareness of Language Models in Action](#)  
Yijia Shao, Tianshi Li, Weiyan Shi, **Yanchen Liu**, Diyi Yang  
*In Proceedings of the 38th Annual Conference on Neural Information Processing Systems (NeurIPS 2024)*
- [2] [Decoding Susceptibility: Modeling Misbelief to Misinformation Through a Computational Approach](#)  
**Yanchen Liu**, Mingyu Derek Ma, Wenna Qin, Azure Zhou, Jiaao Chen, Weiyan Shi, Wei Wang, Diyi Yang  
*In Proceedings of the 2024 Conference on Empirical Methods in Natural Language Processing (EMNLP 2024)*
- [3] [Confronting LLMs with Traditional ML: Rethinking the Fairness of Large Language Models in Tabular Classification](#)  
**Yanchen Liu**, Srishti Gautam, Jiaqi Ma, Himabindu Lakkaraju  
*In Proceedings of the 2024 Conference of the North American Chapter of the Association for Computational Linguistics (NAACL 2024)*
- [4] [DADA: Dialect Adaptation via Dynamic Aggregation of Linguistic Rules](#)  
**Yanchen Liu**, William Held, Diyi Yang  
*In Proceedings of the 2023 Conference on Empirical Methods in Natural Language Processing (EMNLP 2023)*
- [5] [Task-Agnostic Low-Rank Adapters for Unseen English Dialects](#)  
Zedian Xiao, William Held, **Yanchen Liu**, Diyi Yang  
*In Proceedings of the 2023 Conference on Empirical Methods in Natural Language Processing (EMNLP 2023)*

- [6] [MIDDAG: Where Does Our News Go? Investigating Information Diffusion via Community-Level Information Pathways](#)  
Mingyu Derek Ma, Alexander K. Taylor, Nuan Wen, **Yanchen Liu**, Po-Nien Kung, Wenna Qin, Shicheng Wen, Azure Zhou, Diyi Yang, Xuezhe Ma, Nanyun Peng, Wei Wang  
*In Proceedings of the 38th Annual AAAI Conference on Artificial Intelligence (AAAI 2024 Demonstrations)*
- [7] [SMoA: Sparse Mixture of Adapters to Mitigate Multiple Dataset Biases](#)  
**Yanchen Liu\***, Jing Yan\*, Yan Chen\*, Jing Liu, Hua Wu  
*In ACL Workshop on Trustworthy Natural Language Processing, 2022 (ACLW 2023)*
- [8] [Semantic-Oriented Unlabeled Priming for Large-Scale Language Models](#)  
**Yanchen Liu**, Timo Schick, Hinrich Schütze  
*In ACL Workshop on Simple & Efficient Natural Language Processing, 2022 (ACLW 2023)*
- [9] [Custom Sine Waves Are Enough for Imitation Learning of Bipedal Gaits with Different Styles](#)  
Qi Wu, Chong Zhang, **Yanchen Liu**  
*In Proceedings of the 2022 IEEE International Conference on Mechatronics and Automation (ICMA 2022)*  
**Finalists of Toshio Fukuda Best Paper Award in Mechatronics**

## RESEARCH EXPERIENCE

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### [Harvard AI4LIFE Group](#)

Research Assistant

Advisor: Prof. [Himabindu Lakkaraju](#)

Mar. 2023 - Present

Cambridge, MA

### [Stanford NLP Group](#)

Visiting Research Assistant

Advisor: Prof. [Diyi Yang](#)

Oct. 2022 - March. 2024

Palo Alto, CA

### [LMU Center for Information & Language Processing](#)

Research Assistant

Advisor: Prof. [Hinrich Schütze](#)

Jun. 2021 - Nov. 2021

Munich, DE

## TALKS

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### [Stanford NLP Talk](#)

*Dynamic Aggregation and Auto-Discovery of Linguistic Features*

Nov. 2023

### [Stanford NLP Lightning Talk](#)

*LLM for More Research: Empowering Linguistic and CSS Research with LLMs*

Oct. 2023

## PROFESSIONAL SERVICE

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**Mentor:** Rodrigo Nieto (BS/MS@Stanford, Sep. 2023 - Mar. 2024), Azure Zhou (BS@Stanford, Jun. 2023 - Sep. 2023), Mary Williamson (MS@Stanford, Jun. 2023 - Sep. 2023)

**Reviewer:** ACL Rolling Review 2024, COLM 2024, NAACL 2024 SRW

## SKILLS

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**Programming Languages:** C/C++, Java, Python, OCaml, Verilog, MIPS Assembly, SQL...

**Language Proficiency:** English - TOEFL 111, German - DSH2, Chinese - Native

Also hobbies: Soccer, Go (3 Dan)