

# Genglin Liu

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✉ genglinliu@gmail.com ☎ 646-662-9317 💻 genglinliu.github.io 🔍 Google Scholar in LinkedIn 🐙 GitHub

## Education

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|---|-----------------------------|
| <b>University of California, Los Angeles</b> <i>Ph.D. in Computer Science</i>     | <i>Sept 2024 – Present</i>  |
| ◦ Advisor: <a href="#">Saadia Gabriel</a>   |                             |
| <b>University of Illinois, Urbana-Champaign</b> <i>Master in Computer Science</i> | <i>Sept 2022 – Dec 2023</i> |
| ◦ Advisors: <a href="#">Heng Ji</a> , <a href="#">Hao Peng</a>                    |                             |
| <b>University of Massachusetts, Amherst</b> <i>B.S. in Computer Science</i>       | <i>Sept 2018 – May 2022</i> |
| ◦ Commonwealth Honors College, greatest distinction                               |                             |

## Selected Publications

- **Genglin Liu**, Vivian Le, Salman Rahman, Elisa Kreiss, Marzyeh Ghassemi, and Saadia Gabriel. “MOSAIC: Modeling social ai for content dissemination and regulation in multi-agent simulations.” [EMNLP 2025 \(Oral\)](#)
- **Genglin Liu**, Shijie Geng, Sha Li, Hejie Cui, Sarah Zhang, Xin Liu, Tianyi Liu. “WebCoach: Self-Evolving Web Agents with Cross-Session Memory Guidance.” [Preprint](#)
- Rahman, Salman, Sheriff Issaka, Ashima Suvarna, **Genglin Liu**, James Shiffer, Jaeyoung Lee et al. “AI Debate Aids Assessment of Controversial Claims.” [NeurIPS 2025](#)
- Rahman, Salman, Liwei Jiang, James Shiffer, **Genglin Liu**, Sheriff Issaka, Md Rizwan Parvez, Hamid Palangi, Kai-Wei Chang, Yejin Choi, and Saadia Gabriel. “X-teaming: Multi-turn jailbreaks and defenses with adaptive multi-agents.” [COLM 2025](#)
- Tian, Minyang, Luyu Gao, Shizhuo Dylan Zhang et al. “Scicode: A research coding benchmark curated by scientists.” [NeurIPS 2024 Datasets and Benchmarks Track](#)
- **Genglin Liu**, Xingyao Wang, Lifan Yuan, Yangyi Chen, and Hao Peng. “Examining LLMs’ Uncertainty Expression Towards Questions Outside Parametric Knowledge.” [Preprint 2024](#).
- Zhenhailong Wang, Ansel Blume, Sha Li, **Genglin Liu**, Jaemin Cho, Zineng Tang, Mohit Bansal, and Heng Ji. “Paxion: Patching action knowledge in video-language foundation models.” [NeurIPS 2023 spotlight](#)
- **Genglin Liu**, Yi Fung, and Heng Ji. “NLUBot101 at SemEval-2023 Task 3: An Augmented Multilingual NLI Approach Towards Online News Persuasion Techniques Detection.” [ACL SemEval-2023](#)
- **Genglin Liu**, Yulong Lu. “Demystifying The Spectral Bias of Overparameterized Deep Neural Networks.” [UConn REU Conference, 2021](#)

## Experiences

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| <b>Student Researcher</b><br><i>Google Research, Ads Safety. Host: Ariel Fuxman</i>                      | <i>Mountain View, CA<br/>Oct 2025 – Dec 2025</i> |
| <b>Applied Scientist Intern</b><br><i>Amazon, Stores Foundation AI. Hosts: Shijie Geng, Jimmy Liu</i>    | <i>Palo Alto, CA<br/>June 2025 – Sept 2025</i>   |
| <b>Graduate Research Assistant</b><br><i>MARS Lab, UCLA. Advisor: Saadia Gabriel</i>                     | <i>Los Angeles, CA<br/>Sept 2024 – Present</i>   |
| <b>Research Assistant</b><br><i>University of Illinois, Urbana-Champaign. Advisor: Heng Ji, Hao Peng</i> | <i>Urbana, IL<br/>Sept 2022 – May 2024</i>       |
| <b>Research Intern</b><br><i>BLENDER Lab, UIUC. Mentors: Heng Ji, Yi Fung, Manling Li</i>                | <i>Chicago, IL<br/>June 2022 – Sept 2022</i>     |
| <b>Undergraduate Research Assistant</b><br><i>InfoFusion Lab, UMass Amherst. Advisor: Ina Fiterau</i>    | <i>Amherst, MA<br/>Sept 2020 – May 2022</i>      |
| <b>Data Science Intern</b><br><i>NSF TRIPODS Institute for Theoretical Foundations of Data Science</i>   | <i>Boston, MA<br/>June 2021 – Sept 2021</i>      |

## Research Interests and Skills

**Research Interests:** Large language model agents, alignment, reasoning, multimodal learning  
**Skills:** Python, SQL, C++, Javascript, Pytorch, Git, Linux, Docker, Slurm, vLLM, SGLang, GCP, MCP