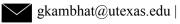
Gauri Kambhatla





Research Interests

Natural Language Processing, NLP for social good, computational social science, social NLP

Both (1) using social science insights to help create more responsible, socially-aware NLP systems, and (2) using NLP models to create more inclusive social interactions and better understand social behaviors.

Education

Ph.D. Computer Science, *The University of Texas at Austin*, Austin TX

2021 - Present

GPA: 4.00/4.00

Advisor: Prof. Matt Lease

Key Coursework: NLP; Neural Nets and Linguistic Structure; Social Applications and Impact of NLP

M.S. Computer Science Engineering, The University of Michigan, Ann Arbor MI

2020 - 2021

GPA: 3.98/4.00

B.S. Computer Science, *University of Michigan*, Ann Arbor MI

2016 - 2020

B.S. Cognitive Science, *University of Michigan*, Ann Arbor MI

GPA: 3.88/4.00

Preprints

May 2025 Gauri Kambhatla, Sanjana Gautam, Angela Zhang, Alex Liu, Ravi Srinivasan, Junyi

Jessy Li, and Matthew Lease. Beyond Sociodemographic Prompting: Using Supervision

to Align LLMs with Human Response Distributions. Arxiv 2025. PDF

May 2025 Gauri Kambhatla, Chantal Shaib, and Venkata Govindarajan. Measuring diversity of

synthetic prompts and data generated with fine-grained persona prompting. Arxiv 2025.

PDF

Conference & Journal Publications

EMNLP 2024 Gauri Kambhatla, Matthew Lease, and Ashwin Rajadesingan. Promoting Constructive

Deliberation: Reframing for Receptiveness. EMNLP Findings 2024. PDF

ACL 2023 Gauri Kambhatla, Thuy Nguyen, and Eunsol Choi. Quantifying Train-Evaluation

Overlap with Nearest Neighbors. ACL Findings 2023. PDF

FAccT 2022 Gauri Kambhatla, Ian Stewart, and Rada Mihalcea. Surfacing Racial Stereotypes

Through Identity Portrayal. In 2022 ACM Conference on Fairness, Accountability, and

Transparency (FAccT '22). PDF

EvoMUS 2021 Allison Lahnala, Gauri Kambhatla, Jiajun Peng, Matthew Whitehead, Gillian

Gauri Kambhatla Curriculum Vitae

> Minnehan, Eric Guldan, Jonathan K. Kummerfeld, Anıl Çamcı and Rada Mihalcea. Chord Embeddings: Analyzing What They Capture and Their Role for Next Chord Prediction and Artist Attribute Prediction. In Proceedings of Computational Intelligence in Music, Sound, Art and Design – 10th International Conference, EvoMUSART, 2021. **PDF**

CHI 2021

Michael Coblenz, Gauri Kambhatla, Paulette Koronkevich, Jenna L. Wise, Celeste Barnaby, Joshua Sunshine, Jonathan Aldrich, Brad A. Myers. PLIERS: A Process that Integrates User-Centered Methods into Programming Language Design. ACM Transactions on Computer-Human Interaction, 2021. PDF

Workshop Publications

PLAT 2019

Gauri Kambhatla, Michael Coblenz, Reed Oei, Joshua Sunshine, Brad Myers, Jonathan Aldrich. A Pilot Study of the Safety and Usability of the Obsidian Blockchain Programming Language. 10th Workshop on Evaluation and Usability of Programming Languages and Tools (PLATEAU, 2019), Oct 24, 2019. PDF

Experience

UT Austin AI & HCC Lab, Graduate Research Assistant

Sept 2022 – Present

Advisor: Matt Lease

Amazon AWS Responsible AI Team, Research Intern

June – Sept 2024

Manager: Vanessa Murdock

UT Austin Eunsol Lab, Graduate Research Assistant

Sept 2021 – June 2022

Advisor: Eunsol Choi

U. Michigan LIT Lab, Undergraduate, Graduate Research Assistant

Sept 2018 - Aug 2021

Advisor: Rada Mihalcea

Carnegie Mellon U. Software & Societal Systems, NSF REU

Advisors: Jonathan Aldrich, Brad A. Myers, Joshua Sunshine

Teaching

Graduate Student Instructor, Information Retrieval (EECS 486)

Jan – May 2021

May – Aug 2019

The University of Michigan

Taught a discussion section, held office hours, created assignments, created and graded exams, and created discussion materials

Instructor Assistant, Computer Organization (EECS 370)

Jan - May 2019

The University of Michigan

Ann Arbor, MI

Taught a discussion section, held office hours, created and graded exams, and created discussion materials for all IAs

Gauri Kambhatla Curriculum Vitae

Community & Leadership Service

Graduate Representative Association of Computer Sciences (GRACS) Board Oct 2022 – June 2024 The University of Texas at Austin Austin, TX

- · Held events to help CS graduate students navigate the department and grad school
- · Organized and planned social events for CS graduate students

Graduate Women & Gender Minorities in Computing (GWGMC) Board The University of Texas at Austin May 2022 – June 2024 Austin, TX

- Helped restart the GWGMC organization at UT after it disbanded over the pandemic
- · Organized & planned community-building events for graduate women and gender minorities, including a yearly research symposium

MIDAS Student Leadership Board

June 2020 - June 2021

The University of Michigan

Ann Arbor, MI

- Advised MIDAS (Michigan Institute for Data Science) leaders on data science education and research programming on Michigan's campus
- Lead a Women + Data Science community conversations event, which brought together women in various stages of their careers in academia/industry to share their experiences
- · Helped develop a mentorship program for students (and faculty) in Data Science

STEM Society Sept 2018 – May 2020

The University of Michigan

Ann Arbor, MI

Interactively taught underprivileged middle and high school students Cognitive Science and other science-related concepts to promote interest in STEM subjects

Society of Women Engineers

Nov 2018 – May 2020

The University of Michigan

Ann Arbor, MI

· Volunteered at a public high school in Chicago – taught an artificial intelligence lesson plan to historically underrepresented students

Service to Research Community

- · Student Volunteer (The Web Conference '23)
- · Session Chair (FAccT '22)

Awards & Honors

· Chair's Strategic Excellence Fellowship, *The University of Texas at Austin* 2021

University Honors: all semesters, *The University of Michigan* 2016 – 2020

· Clara Carter Higgins Summer Environmental Studies Scholarship, *The Garden Club* 2018 of America

William J. Branstrom Freshman Prize (within top 5% of class), *University of Michigan*

Skills & Experience

Languages/Frameworks: Python, Pytorch, C/C++, Java, MATLAB, Git

Gauri Kambhatla Curriculum Vitae

- · **OS**: Linux, Windows, MacOS
- Experience: natural language processing, Jira & project management, deep learning, user studies