

Shramay Palta

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🌐 shramay-palta.github.io

Education

- 2021–present **University of Maryland, College Park**, *Ph.D. in Computer Science*
Advisor: Professor Rachel Rudinger
- 2021–2023 **University of Maryland, College Park**, *M.S. in Computer Science*
Advisor: Professor Rachel Rudinger
- 2017–2021 **Birla Institute of Technology and Science (BITS) Pilani**, *B.E. in Electrical and Electronics Engineering*
Advisors: Professor Ashok Agrawala (UMD) and Professor Navneet Goyal (BITS)

Publications

Preprints, Under Review and Works in progress.

- Work in progress **Shramay Palta**, Nirupama Chandrasekaran, Rachel Rudinger, Scott Counts. *A Facepalm or a High-Five: What happens to the User Experience When LLMs Get Expertise Wrong*. 2024.
- Under Review **Shramay Palta**, Nishant Balepur, Peter Rankel, Sarah Wiegrefe, Marine Carpuat, Rachel Rudinger. *Plausibly Problematic Questions in Multiple-Choice Benchmarks for Commonsense Reasoning*. 2024.

Conference Papers

- ECCV 2024 Gowthami Somepalli, Anubhav Gupta, Kamal Gupta, **Shramay Palta**, Micah Goldblum, Jonas Geiping, Abhinav Shrivastava, Tom Goldstein. *Measuring Style Similarity in Diffusion Models*. European Conference on Computer Vision (ECCV).
- ACL 2024 Findings Nishant Balepur, **Shramay Palta**, Rachel Rudinger. *It's Not Easy Being Wrong: Large Language Models Struggle with Process of Elimination Reasoning*. Findings of the Association for Computational Linguistics.
- ACL 2023 Findings **Shramay Palta**, Rachel Rudinger. *FORK: A Bite-Sized Test Set for Probing Culinary Cultural Biases in Commonsense Reasoning Models*. Findings of the Association for Computational Linguistics.

Professional Experience

Industry

- 2024 **Research Intern, Microsoft Research**
Hosted by Dr. Scott Counts. Worked on analyzing how user experience with LLMs is impacted in cases of model mis-alignment with human values.
- 2019 **Data Science Intern, TurnoutNow**
Using real-time location data from IoT BLE Beacons and natural language generation tools with live data connections to generate narratives for end users.

Academia

- 2021–present **Research Assistant, CLIP Lab, UMD**
Advised by Professor Rachel Rudinger on evaluating Large Language Models in cases of uncertainty in commonsense reasoning and how they deviate from human values.
- 2021 **Research Assistant, HDI Lab, UMD**
Advised by Professor Leo Zhicheng Liu on using Natural Language Processing Techniques to harvest design feedback from visualization comments on social media platforms like Reddit.
- 2020 **Research Intern, Global Health Center**
Hosted by Dr. Amandeep Gill. Researched the role of micro-narratives as proxy variables to fill in missing data and developing human-centered benchmarks for digital health.

Selected Invited Talks

- 2023 **Prompting, In-context Learning, and Instruct Tuning, Guest Lecture**
Undergraduate Natural Language Processing course at UMD.

Academic Service

Reviewing

- ACL: 2023
- EMNLP: 2023
- EACL: 2023

Other

- Reviewer: UMD CS Graduate Admissions Committee
- Member: Computer Science Department Council
- President: CS GradCo: an organization aimed to improve the experiences of all CS graduate students as they progress through their program.

Selected Honor and Awards

- 2021–2023 **Dean's Fellowship and Chair's Fellowship, UMD**
Awarded the Graduate School Dean's Fellowship and the Chair's Fellowship Award for outstanding academic achievement.
- 2010 **World Robot Olympiad Rank 31**
Represented India at the World Robot Olympiad held in Manila, Philippines, and secured a world rank of 31 in my category.
- 2010 **Indian Robot Olympiad Rank 2**
Awarded the runner's up award in my category.