Yash Kumar Lal

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Employment

Postdoctoral Scholar — **Ohio State University** — **Jan 2026 – Present**
- Advisors: Huan Sun and Yu Su

Research Intern — **Google Research** — **Sep 2023 – Nov 2023**
- Project Title: Automated Adversarial Discovery for Safety Classifiers
- Mentors: Ananth Balashankar, Ahmad Beirami, Preethi Lahoti

Research Intern — **Allen Institute for AI** — **May 2023 – Aug 2023**
- Project Title: Customizing Open-Domain Procedures
- Mentor: Niket Tandon

Research Intern — **Salesforce Inc.** — **May 2022 – Aug 2022**
- Project Title: Leveraging Knowledge Graphs for Pre-Training Question Decomposers
- Mentors: Semih Yavuz, Ye Liu, Yingbo Zhou

Education

Stony Brook, NY — **Stony Brook University** — **August 2020 – December 2025**
- PhD in Computer Science. Advisor: Niranjan Balasubramanian.

Baltimore, MD — **Johns Hopkins University** — **August 2018 – May 2020**
- M.S.E. in Computer Science. Thesis: Low resource problems in NLP. Advisor: Philipp Koehn.

Manipal, India — **Manipal Institute of Technology** — **Aug 2014 – June 2018**
- B.Tech. in Computer Science Engineering.

Technical Experience

Selected Publications

- **MuSciClaims: Multimodal Scientific Claim Verification**. AACL 2025.
- **Benchmarking LLM Understanding of Causal and Temporal Dependencies in Plans**. EMNLP 2024.
- **Edit-Based Agents for Open-Domain Procedure Customization**. Findings of ACL, 2024.
- **Automated Adversarial Discovery for Safety Classifiers**. TrustNLP@NAACL 2024.
- **Socialite-Llama: An Instruction-Tuned Model for Social Scientific Tasks**. EACL 2024.
- **Systematic Evaluation of GPT-3 for Zero-Shot Personality Estimation**. WASSA@ACL 2023.
- **Evaluating Paraphrastic Robustness in Textual Entailment Models**. ACL 2023.
- **Using Commonsense Knowledge to Answer Why-Questions**. EMNLP 2022.
- **TellMeWhy: A Dataset for Answering Why-Questions in Narratives**. Findings of ACL-IJCNLP, 2021.
- **IrEne: Interpretable Energy Prediction for Transformers**. ACL-IJCNLP, 2021.
- **Temporal Reasoning in Natural Language Inference**. Findings of EMNLP, 2020.
- **De-Mixing Sentiment from Code-Mixed Text**. ACL Student Research Workshop, 2019.
- **Identifying Clickbait: A Multi-Strategy Approach Using Neural Networks**. SIGIR, 2018.

Service and Awards

- **Runner-Up, Best Long Paper**, Fourth Workshop on Trustworthy NLP, NAACL 2024
- **Chair**: NAACL 2022 Reproducibility Track, EMNLP 2025 Publicity Chair
- **Workshop Organizer:** Narrative Understanding, ’24-25; Commonsense Representation and Reasoning, ’22
- **Reviewer:** ECIR ’19, ’21; WMT ’19; TALLIP ’20; EMNLP ’21-’23; ACL Rolling Review Nov ’21 - present
- **Program Committee:** ACL SRW ’20-’21; AACL SRW ’20; NAACL ’21; NAACL SRW ’21, ACL ’23
- **Winner, Acceleprise Award** at AngelHack Global Demo Day ’17, San Francisco; AngelHack Hyderabad ’17