

Rohan Das

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Research Interests: Natural Language Processing, Knowledge Discovery, Computational Discourse, Narrative Understanding

EDUCATION

University of Colorado Boulder <i>Ph.D. in Computer Science · Advisor: Dr. Maria L. Pacheco</i>	Boulder, CO Jan 2024 – May 2028 (expected)
University of Colorado Boulder <i>M.S. in Computer Science (Research Track)</i>	Boulder, CO Aug 2021 – May 2024
Institute of Engineering & Management <i>B.Tech. in Information Technology</i>	Kolkata, India Aug 2011 – Jun 2015

SELECTED PUBLICATIONS

- Rohan Das**, A. Deshmukh, A. Leto, Z. Naaman, I-T. Lee, M.L. Pacheco. “A Structured Clustering Approach for Inducing Media Narratives.” *ACL 2026*.
- A.P-C. Chen*, **Rohan Das***, D. Srinivas*, A. Barry, M. Seniw, M.L. Pacheco. “Studying the Effects of Collaboration in Interactive Theme Discovery Systems.” *ACL 2026*.
- Rohan Das**, A. Chandra, I-T. Lee, M.L. Pacheco. “Media Framing through the Lens of Event-Centric Narratives.” *WNU @ EMNLP 2024*.
- D. Srinivas*, **Rohan Das***, S. Tizpaz-Niari, A. Trivedi, M.L. Pacheco. “On the Potential and Limitations of Few-Shot In-Context Learning to Generate Metamorphic Specifications for Tax Preparation Software.” *NLLP @ EMNLP 2023*.

* denotes equal contribution

RESEARCH EXPERIENCE

University of Colorado Boulder Graduate Researcher <i>BLAST Lab (Dr. Maria L. Pacheco)</i> <ul style="list-style-type: none">Working on narrative understanding, computational discourse, and knowledge discovery.	Boulder, CO Jul 2023 – Present
University of Colorado Boulder Graduate Researcher <i>NALA Lab (Dr. Katharina von der Wense)</i> <ul style="list-style-type: none">Built tools for low-resource languages by grounding LLMs in linguistic theory for MT and coreference resolution.	Boulder, CO Sep 2021 – Sep 2023

TEACHING

University of Colorado Boulder Instructor of Record <i>CSCI 3308: Software Development Methods and Tools</i>	Boulder, CO May 2022 – Jul 2022
University of Colorado Boulder Graduate Teaching Assistant <i>CSCI 4308/4318: Software Engineering Project; CSCI 3308: Software Development Methods and Tools</i>	Boulder, CO Aug 2021 – May 2025

INDUSTRY EXPERIENCE

Hyland Developer 3 <i>Financial Process Automation</i> <ul style="list-style-type: none">Industry-leading FPA product suite generating over USD 50M in annual revenue; built a microservices-based services layer (event-driven, DDD, CQRS), end-to-end AP automation pipelines, and a high-performance Angular data grid.	Kolkata, India Jul 2015 – Jun 2021
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HONORS, AWARDS & GRANTS

- Departmental Summer Research Fellowship, CU Boulder (\$6,000) 2025
- Lloyd Botway Fellowship, CU Boulder – outstanding M.S. student in academics, research, teaching, and service (\$400) 2023
- Outstanding Service Award, CU Boulder (\$500) 2023
- CU Boulder Computer Science Department Travel Grant (\$1,500) 2026
- CU Boulder Graduate & Professional Student Government Travel Grant (\$500) 2024
- New Directions in Analyzing Text as Data (TADA) Travel Grant (\$800) 2023
- Account Aggregator Hackathon Winner, DigiSahamati Foundation (₹50,000) 2020

SERVICE

- Reviewer:* ACL Rolling Review, IC2S2, NLP 4 Democracy Workshop
- Graduate student representative, Executive Committee & Faculty Search Committee, CS Department, CU Boulder 2022–23

TECHNICAL SKILLS

Languages:	Python, Java, JavaScript, C#, C, HTML/CSS
ML/NLP:	PyTorch, Hugging Face Transformers, scikit-learn, NumPy, NLTK
Tools:	Git, Docker, Kubernetes, Angular, Jenkins