

Education

2021-2025	Carnegie Mellon University Ph.D. in Language and Information Technologies Thesis: <i>Event Understanding in Multi-Document Corpora</i>
2019-2021	Carnegie Mellon University Masters in Language Technologies
2013-2017	Indian Institute of Technology Bombay Bachelors in Computer Science and Engineering

Industry Experience

2025–	Amazon AGI Applied Scientist Post-training LLMs for information-seeking tasks.
2024	Bloomberg AI Research Intern in Search Team (Summer) Long-context and compression methods for large-scale summarization.
2022	Amazon Alexa Applied Scientist Intern in Web Information Team (Summer) Timeline summarization of events.
2017-2019	Microsoft Research India Research Fellow in NLP Linguistically-grounded code-mixed language modeling.

Awards

2024	LTI Ph.D. Fellowship
2023	Outstanding Paper, EMNLP
2022	Best Paper, Multilingual Information Access Workshop, NAACL

Selected Publications

- Adithya Pratapa, Teruko Mitamura. Estimating Optimal Context Length for Hybrid Retrieval-augmented Multi-document Summarization. COLM 2025 (to appear).
- Adithya Pratapa, Teruko Mitamura. Scaling Multi-Document Event Summarization: Evaluating Compression vs. Full-Text Approaches. NAACL 2025 (Main).

3. Sang Keun Choe, Hwijeen Ahn, Juhan Bae, Kewen Zhao, Minsoo Kang, Youngseog Chung, Adithya Pratapa, Willie Neiswanger, Emma Strubell, Teruko Mitamura, Jeff Schneider, Eduard Hovy, Roger Grosse, Eric Xing. What is Your Data Worth to GPT? LLM-Scale Data Valuation with Influence Functions. *Preprint* 2024.
4. Adithya Pratapa, Kevin Small, Markus Dreyer. Background Summarization of Event Timelines. EMNLP 2023 (Main). **Outstanding Paper.**
5. Yanlin Feng, Adithya Pratapa, David R Mortensen. Calibrating Seq2seq Models for Ultra-fine Entity Typing. EMNLP 2023 (Findings).
6. Jiefu Ou, **Adithya Pratapa**, Rishubh Gupta, Teruko Mitamura. Hierarchical Event Grounding. AAAI 2023.
7. Adithya Pratapa, Rishubh Gupta, Teruko Mitamura. Multilingual Event Linking to Wikidata. Multilingual Information Access Workshop, NAACL 2022. **Best Paper.**
8. Adithya Pratapa, Zhengzhong Liu, Kimihiro Hasegawa, Linwei Li, Yukari Yamakawa, Shikun Zhang, Teruko Mitamura. Cross-document Event Identity via Dense Annotation. CoNLL 2021.

Professional Service

Mentoring

- Research advisor to Masters students (CMU, 2021–22, 2023–24)
- Graduate student mentor (CMU, 2021–25)

Reviewing

- ARR (2022-26)
- ICLR (2026)
- COLM (2025)
- EMNLP (2022-23)
- ACL (2023)
- AAAI (2023-24)
- NAACL 2022

Teaching Assistant

- Advanced NLP (CMU, Spring 2024)
- Question Answering (CMU, Spring 2022)

updated February 28, 2026