Ananya Ganesh

ananyaganesh.github.io

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EDUCATION

University of Colorado, Boulder — Boulder, CO
PhD Student, Computer Science — *Aug 2020 – Present*
Advised by: Prof. Katharina Kann and Prof. Martha Palmer
Research interests: NLP for Education, Dialog systems, Low-resource NLP

University of Massachusetts, Amherst — Amherst, MA
Master of Science in Computer Science — *Aug 2017 – May 2019*

Anna University — Chennai, India
Bachelor of Engineering in Computer Science — *Aug 2013 – Jun 2017*

EXPERIENCE

Adobe Research — Bangalore, India
Research Intern, Natural Language Processing — *May 2021 – Aug 2021*

Educational Testing Service — Princeton, NJ
Asst. Research Engineer, NLP & Speech Group — *Aug 2019 – Aug 2020*

Information Extraction and Synthesis Laboratory — UMass Amherst
Research Intern, Natural Language Processing — *May 2018 – May 2019*

Lexalytics — Amherst, MA
Independent study — *Jan 2018 - Apr 2018*

Nara Institute of Science and Technology — Nara, Japan
Research Intern, Natural Language Processing — *Jun 2016 – July 2016*

PUBLICATIONS

- **Ananya Ganesh**, Jie Cao, Margaret Perkoff, Rosy Southwell, Martha Palmer, Katharina Kann. Mind the Gap between the Application Track and the Real World. *ACL 2023*

- **Ananya Ganesh**, Martha Palmer, Katharina Kann. A Survey of Challenges and Methods in the Computational Modeling of Multi-Party Dialog. *NLP4ConvAI Workshop at ACL 2023*

- **Ananya Ganesh**, Michael Chang, Rachel Dickler, Jon Cai, Michael Regan, Kristin Wright-Bettner, James Pustejovsky, James Martin, Jeff Flanigan, Martha Palmer, Katharina Kann. Navigating Wanderland: Highlighting Off-Task Discussions in Classrooms. *AIED 2023*

- Jie Cao, **Ananya Ganesh**, Jon Cai, Rosy Southwell, Margaret Perkoff, Michael Reagan, Katharina Kann, James Martin, Martha Palmer, and Sidney D'Mello. A Comparative Analysis of Automatic Speech Recognition Errors in Small Group Classroom Discourse. *ACM UMAP 2023*

- Rajat Bhatnagar*, **Ananya Ganesh***, Katharina Kann. CHIA: CHoosing Instances for Annotation. *Findings of EMNLP 2022*

- Aparna Garimella, Abhilasha Sancheti, Vinay Aggarwal, **Ananya Ganesh**, Niyati Chayya, Nandakishore Khambatla. Text Simplification for Legal Domain: Insights and Challenges. *NLLP Workshop at EMNLP 2022*

- **Ananya Ganesh**, Hugh Scribner, Jasdeep Singh, Katherine Goodman, Jean Hertzberg, Katharina Kann. Response Construct Tagging: NLP-Aided Assessment for Engineering Education. *BEA Workshop at NAACL 2022*

- **Ananya Ganesh**, Martha Palmer, Katharina Kann. What Would a Teacher Do? Predicting Future Talk Moves. *Findings of ACL 2021*

- Rajat Bhatnagar, **Ananya Ganesh**, Katharina Kann. Don't Rule Out Monolingual Speakers: A Method For Crowdsourcing Machine Translation Data. *ACL 2021*

- Goran Glavaš, **Ananya Ganesh**, Swapna Somasundaran. Training and Domain Adaptation for Supervised Text Segmentation. *BEA Workshop at ACL 2021*

- Emma Strubell, **Ananya Ganesh**, Andrew McCallum. Energy and Policy Considerations for Deep Learning in NLP. *ACL, 2019*

- Haw-Shiuan Chang, Amol Agarwal, **Ananya Ganesh**, Anirudha Desai, Vinayak Mathur, Alfred Hough, and Andrew McCallum. Efficient graph-based word sense induction by distributional inclusion vector embeddings. *TextGraphs 2018 at NAACL-HLT*

Awards & Honors

- CRA-W Grad Cohort Travel Funding

- iSAT Trainee Grant Award for the proposal "Evaluating the Feasibility of Neural Dialog Systems in Classroom Settings" ($2500)

- Nelson A. Prager Family and James H. Martin Endowed Graduate Fellowship 2021 ($1000)

- CU Boulder Fall 2021 Publication Recognition Award ($200)

- Madrona Top Impact Prize in ML & NLP 2019 (with Emma Strubell and Andrew McCallum)

- CU Boulder Summer 2021 Research Fellowship ($6000)

- JASSO Scholarship for study in Japan 2016 (JPY 80,000 = $800)

Service & Outreach

- Tech Girls job shadow host, 2023

- Organizing committee, CoCo4MT Workshop at MT-Summit 2023

- Captioning co-chair, ACL 2020 Virtual Conference

- Graduate co-chair, UMass Amherst CS Women's Group (2018)

- Reviewer, EMNLP 2023, ACL 2023, BEA 2023, AAAI 2023, EMNLP 2022, EMNLP 2021, BEA 2020, EMNLP 2020, WWW 2019

Skills

Python, TensorFlow, scikit-learn, numpy, Git, spacy, PyTorch, NLTK, C++