

# Dongyeop Kang

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## EDUCATION

Carnegie Mellon University

2020

Ph.D., Language Technology Institute, School of Computer Science

Thesis: *Linguistically Informed Language Generation: A Multifaceted Approach*

Advisor: Eduard Hovy

Committee: Jeffrey Bigham, Alan W Black, Jason Weston, Dan Jurafsky

Korea Advanced Institute of Science and Technology (KAIST)

2010

B.S. and M.S., Computer Science Engineering

## PROFESSIONAL EMPLOYMENT HISTORY

- 2021 – present: Assistant Professor, University of Minnesota, Twin Cities
- 2022 – present: Naver Scholar, Naver Search US, Seattle, WA
- 2020 – 2021: Postdoctoral Scholar – University of California, Berkeley (PI: Marti A. Hearst)
- 2015 – 2020: Research Assistant – Carnegie Mellon University (PI: Eduard Hovy)
- 2018 Summer: Research Intern – Facebook AI Research, Menlo Park, CA
- 2017 Summer: Research Intern – Allen Institute for Artificial Intelligence (AI2), Seattle, WA
- 2016 Summer: Research Intern – Microsoft Research, Redmond, WA
- 2014 – 2015: Researcher (alternative military service) – Naver Labs, Seongnam, Korea
- 2012 – 2014: Researcher (alternative military service) – KAIST Institute, Daejeon, Korea
- 2014 Summer: Research Intern – Oracle Labs, Redwood City, CA
- 2013 Summer: Research Intern – IBM T. J. Watson, Yorktown, NY
- 2011: Visiting Researcher – Hong Kong University of Science and Technology, Hong Kong
- 2010: Research Intern – Microsoft Research, Redmond, WA
- 2009 – 2010: Research Intern – Microsoft Research Asia, Beijing, China

## AWARDS AND HONORS

- 2023 Cisco Research Award
- 2023 Accenture Research Gift Award
- 2022-2023 3M Non-tenured Faculty Award (NTFA)
- 2022 Best paper award, In2Writing workshop at ACL
- 2022 Sony Research Faculty Annotation Award
- 2018 Top Reviewers, NeurIPS and ACL
- 2018 Allen Institute for AI Research Fellowship
- 2016 CMU Presidential Fellowship
- 2013 SMBA Startup Investment Prize
- 2011 ILJU Foundation Ph.D. Scholarship
- 2010 Excellent Performance Award, Microsoft Research Asia
- 2007 Summa Cum Laude, KAIST

## GRANTS AND RESEARCH GIFTS

- 2023 Grant from Cisco Research, PI (\$175,000)
- 2023 Gift from Accenture Labs, PI (\$85,000)
- 2023 Gift from UMN Early Innovation Fund, PI (\$10,431)
- 2022, 2023 Gift from 3M, PI (\$15,000/year)
- 2023 MnRI Seed Grant, PI: Karthik Desingh, Co-PI: Dongyeop Kang (\$40,000)
- 2022 Gift from Grammarly Research, PI (\$140,000)
- 2022 Grant from Sony Research, PI (\$100,000)
- 2021 - 2024 Setup grant from University of Minnesota

## SERVICE AND PUBLIC OUTREACH

### Program Chairs and Organizers

- Senior PC, Association for the Advancement of Artificial Intelligence (AAAI) 2023
- Area Chair (Machine Learning in NLP), EMNLP (Conference on Empirical Methods in Natural Language Processing) 2023
- Co-organizer, Minnesota NLP Seminar, 2021 Fall - present
- Co-organizer, Workshop on “Intelligent and Interactive Writing Assistants (In2Writing)” at ACL 2022 and CHI 2023
- Co-organizer, First Workshop on “CtrlGen: Controllable Generative Modeling in Language and Vision” at NeurIPS 2021

### Program Committees (Conferences)

- 2021-2022, ACL Rolling Review
- 2018-2021, ACL (Association for Computational Linguistics)
- 2019, 2022, NAACL (Annual Conference of the North American Chapter of the Association for Computational Linguistics)
- 2018-2021, EMNLP (Conference on Empirical Methods in Natural Language Processing)
- 2018-2021, NeurIPS (Conference on Neural Information Processing Systems)
- 2019-2021, ICLR (International Conference on Learning Representations )
- 2019, ICML (International Conference on Machine Learning)

### Program Committees (Workshops and Journals)

- 2018, MRQA (Machine Reading for Question Answering) workshop
- 2019, WNUT (Workshop on Noisy User-generated Text) workshop
- 2019, Scientometrics (International Journal for all Quantitative Aspects of the Science of Science, Communication in Science and Science Policy)

### Department and University Service

- 2021-Present, Admissions Committee, University of Minnesota

## PUBLICATIONS

### Dissertations

- D1 Dongyeop Kang, “Linguistically Informed Language Generation: A Multifaceted Approach”, Committees: Eduard Hovy, Jeffrey Bigham, Alan W Black, Jason Weston, Dan Jurafsky, PhD Dissertation 2020

### Archived Preprints

- A9 Hao Zou, Zae Myung Kim, Dongyeop Kang, “Diffusion Models in NLP: A Survey”  
<https://arxiv.org/abs/2305.14671>
- A8 Anna Martin-Boyle, Andrew Head, Kyle Lo, Risham Sidhu, Marti A Hearst, Dongyeop Kang, “Complex Mathematical Symbol Definition Structures: A Dataset and Model for Coordination Resolution in Definition Extraction” <https://arxiv.org/abs/2305.14660>
- A7 Zae Myung Kim, David E Taylor, Dongyeop Kang, ““Is the Pope Catholic?” Applying Chain-of-Thought Reasoning to Understanding Conversational Implicatures” <https://arxiv.org/abs/2305.13826>
- A6 London Lowmanstone, Ruyuan Wan, Risako Owan, Jaehyung Kim, Dongyeop Kang, “Annotation Imputation to Individualize Predictions: Initial Studies on Distribution Dynamics and Model Predictions” <https://arxiv.org/abs/2305.15070>
- A5 Vipul Raheja, Dhruv Kumar, Ryan Koo, Dongyeop Kang, “CoEdit: Text Editing by Task-specific Instruction Tuning” <https://arxiv.org/abs/2305.09857>
- A4 Kyle Lo, et al., “The Semantic Reader Project: Augmenting Scholarly Documents through AI-Powered Interactive Reading Interfaces”, <https://arxiv.org/abs/2303.14334>
- A3 Karin de Langis, Dongyeop Kang, “A Comparative Study on Textual Saliency of Styles from Eye Tracking, Annotations, and Language Models”, [arxiv.org/abs/2212.09873v1](https://arxiv.org/abs/2212.09873v1)
- A2 Risako Owan, Maria Gini, Dongyeop Kang, “Quirk or Palmer: A Comparative Study of Modal Verb Frameworks with Annotated Datasets”, [arxiv.org/abs/2212.10152v1](https://arxiv.org/abs/2212.10152v1)
- A1 Kyumin Park, Keon Lee, Daeyoung Kim, Dongyeop Kang, “RedPen: Region- and Reason-Annotated Dataset of Unnatural Speech”, [arxiv.org/abs/2210.14406](https://arxiv.org/abs/2210.14406)

### Refereed Conference/Workshop Proceedings

- C43 London Lowmanstone\*, Ruyuan Wan\*, Risako Owan, Jaehyung Kim, Dongyeop Kang “Annotation Imputation to Individualize Predictions: Initial Studies on Distribution Dynamics and Model Predictions”, Workshop on Perspectivist Approaches to NLP (NLPerspectives) @ECAI 2023
- C42 Daechul Ahn, Daneul Kim, Gwangmo Song, Seung Hwan Kim, Honglak Lee, Dongyeop Kang, Jonghyun Choi “Story Visualization by Online Text Augmentation with Context Memory”, Proceedings of the IEEE/CVF International Conference on Computer Vision (ICCV) 2023
- C41 Rose Neis, Karin de Langis, Zae Myung Kim, Dongyeop Kang “An Analysis of Reader Engagement in Literary Fiction through Eye Tracking and Linguistic Features”, Workshop on Narrative Understanding (WNU) @ACL 2023
- C40 Katie Kim, Bugil Chang, Debarati Das, Smitha Muthya, Jisu Huh, Dongyeop Kang, Jaideep Srivastava “Rebuilding Social Connection and Enhancing Advertising Effects Through the Nostalgic Appeal during the Pandemic”, Association for Education in Journalism and Mass Communication (AEJMC) 2023
- C39 Jaehyung Kim, Yekyung Kim, Karin De Langis, Jinwoo Shin, and Dongyeop Kang “A Universal Framework for Dataset Characterization with Multidimensional Meta-information”, Proceedings of the Annual Meeting of the Association for Computational Linguistics (ACL) 2023
- C38 Haneul Yoo, Rifki Afina Putri, Changyoon Lee, Youngin Lee, So-Yeon Ahn, Dongyeop Kang, Alice Oh “Rethinking Annotation: Can Language Learners Contribute?”, Proceedings of the Annual Meeting of the Association for Computational Linguistics (ACL) 2023

- C37 Debarati Das, David Ma, Dongyeop Kang “Balancing Effect of Training Dataset Distribution of Multiple Styles for Multi-Style Text Transfer”, Proceedings of the Annual Meeting of the Association for Computational Linguistics (ACL) Findings 2023
- C36 Jaehyung Kim, Jinwoo Shin, Dongyeop Kang “Prefer to Classify: Improving Text Classifiers via Auxiliary Preference Learning”, International Conference on Machine Learning (ICML) 2023
- C35 Taehee Jung, Joo-Kyung Kim, Sungjin Lee, Dongyeop Kang, “Cluster-Guided Label Generation in Extreme Multi-Label Classification”, Conference of the European Chapter of the Association for Computational Linguistics (EACL) 2023
- C34 Shirley Anugrah Hayati, Kyumin Park, Dheeraj Rajagopal, Lyle Ungar, Dongyeop Kang, “StyLEx: Explaining Styles with Lexicon-Based Human Perception”, Conference of the European Chapter of the Association for Computational Linguistics (EACL) 2023
- C33 Ruyuan Wan, Jaehyung Kim, Dongyeop Kang. “Everyone’s Voice Matters: Quantifying Annotation Disagreement Using Demographic Information”, Thirty-Seventh AAAI Conference on Artificial Intelligence (AAAI) 2023 **Oral**
- C32 Ryan Hyunkyo Koo\*, Anna Martin\*, Linghe Wang, Dongyeop Kang, “Decoding the End-to-end Writing Trajectory in Scholarly Manuscripts”, In2Writing @CHI 2023
- C31 Zae Myung Kim, Wanyu Du, Vipul Raheja, Dhruv Kumar, Dongyeop Kang. “Improving Iterative Text Revision by Learning Where to Edit from other Revision Tasks”, Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP), 2022
- C30 Wanyu Du, Vipul Raheja, Dhruv Kumar, Zae Myung Kim, Melissa Lopez, Dongyeop Kang. “Understanding Iterative Revision from Human-Written Text.”, Proceedings of the Annual Meeting of the Association for Computational Linguistics (ACL) 2022
- C29 Jaehyung Kim, Dongyeop Kang, Sungsoo Ahn, Jinwoo Shin. “What Makes Better Augmentation Strategies? Augment Difficult but Not too Different”, International Conference on Learning Representations (ICLR) 2022
- C28 Ruyuan Wan, Naome Etori, Karla Badillo-Urquiola, Dongyeop Kang , “User or Labor: An Interaction Framework for Human-Machine Relationships in NLP”, Workshops on Data Science with Human in the Loop (DaSH) @EMNLP 2022
- C27 Wanyu Du\*, Zae Myung Kim\*, Vipul Raheja, Dhruv Kumar, Dongyeop Kang (\*equal contribution), “Read, Revise, Repeat: A System Demonstration for Human-in-the-loop Iterative Text Revision”, In2Writing @ACL 2022, **Best paper award**
- C26 Hayati, Shirley Anugrah, Dongyeop Kang and Lyle Ungar. “Does BERT Learn as Humans Perceive? Understanding Linguistic Styles through Lexica.”, Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP), 2021
- C25 Hwiyeol Jo, Dongyeop Kang, Andrew Head, Marti A. Hearst, “Modeling Mathematical Notation Semantics in Academic Papers ”, Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP) Findings, 2021
- C24 Jinwoo Nam, Daechul Ahn, Dongyeop Kang, Seong Jong Ha, Jonghyun Choi, “Zero-Shot Natural Language Video Localization”, Proceedings of the IEEE/CVF International Conference on Computer Vision (ICCV) 2021 **Oral** (Top 3%)
- C23 Dongyeop Kang, Eduard Hovy, “Style is NOT a single variable: Case Studies for Cross-Stylistic Language Understanding”, Proceedings of the Annual Meeting of the Association for Computational Linguistics (ACL) 2021 **Oral**
- C22 Andrew Head, Kyle Lo, Dongyeop Kang, Raymond Fok, Sam Skjonsberg, Daniel S. Weld, Marti A. Hearst, “Augmenting Scientific Papers with Just-in-Time, Position-Sensitive Definitions of Terms and Symbols” , ACM Conference on Human Factors in Computing Systems (CHI) 2021

- C21 Dongyeop Kang, Eduard Hovy, “Plan ahead: Self-Supervised Text Planning for Paragraph Completion Task”, Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP) 2020 **Oral**
- C20 Zae Myung Kim, Vassilina Nikoulina, Dongyeop Kang, Didier Schwab, Laurent Besacier. “Visualizing Cross-Lingual Discourse Relations in Multilingual TED Corpora”, CODI @EMNLP 2021
- C19 Dyah Adila, Dongyeop Kang, “Understanding Out-of-distribution: A Perspective of Data Dynamics”, ICBINB @NeurIPS 2021
- C18 Shirley Anugrah Hayati, Dongyeop Kang, Qingxiaoyang Zhu, Weiyang Shi, Zhou Yu, “INSPIRED: Toward Sociable Recommendation Dialog Systems”, Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP) 2020
- C17 Taehee Jung, Dongyeop Kang, Hua Cheng, Lucas Mentch, Thomas Schaaf, “Posterior Calibrated Training on Sentence Classification Tasks”, Proceedings of the Annual Meeting of the Association for Computational Linguistics (ACL) 2020
- C16 Steven Y. Feng\*, Varun Gangal\*, Dongyeop Kang, Teruko Mitamura, Eduard Hovy, “GenAug: Data Augmentation for Finetuning Text Generators”, DeeLIO Workshop @EMNLP 2020
- C15 Dongyeop Kang, Andrew Head, Risham Sidhu, Kyle Lo, Daniel Weld, Marti A. Hearst, “Document-Level Definition Detection in Scholarly Documents: Existing Models, Error Analyses, and Future Directions”, SDP Workshop @EMNLP 2020
- C14 Dongyeop Kang\*, Taehee Jung\*, Lucas Mentch, Eduard Hovy (\*equal contribution), “Earlier Isn’t Always Better: Sub-aspect Analysis on Corpus and System Biases in Summarization”, Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP) 2019
- C13 Dongyeop Kang, Anusha Balakrishnan, Pararth Shah, Paul Crook, Y-Lan Boureau, Jason Weston, “Recommendation as a Communication Game: Self-Supervised Bot-Play for Goal-oriented Dialogue”, Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP) 2019
- C12 Dongyeop Kang, Varun Gangal, Eduard Hovy, “(Male, Bachelor) and (Female, Ph.D) have different connotations: Parallely Annotated Stylistic Language Dataset with Multiple Personas”, Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP) 2019 **Oral**
- C11 Dongyeop Kang, Hiroaki Hayashi, Alan W Black, Eduard Hovy, “Linguistic Versus Latent Relations for Modeling Coherent Flow in Paragraphs”, Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP) 2019
- C10 Dongyeop Kang, Tushar Khot, Ashish Sabharwal, Peter Clark, “Bridging Knowledge Gaps in Neural Entailment via Symbolic Models”, Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP) 2018
- C9 Dongyeop Kang, Tushar Khot, Ashish Sabharwal, Eduard Hovy, “AdvEntuRe: Adversarial Training for Textual Entailment with Knowledge-Guided Examples”, Proceedings of the Annual Meeting of the Association for Computational Linguistics (ACL) 2018
- C8 Dongyeop Kang, Waleed Ammar, Bhavana Dalvi, Madeleine van Zuylen, Sebastian Kohlmeier, Eduard Hovy, Roy Schwartz, “A Dataset of Peer Reviews (PeerReaD): Collection, Insights and NLP Applications”, Proceedings of the 2018 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL) 2018
- C7 Chu-Cheng Lin, Dongyeop Kang, Michael Gamon, Madian Khabsa, Ahmed Hassan Awadallah, Patrick Pantel, “Actionable email intent modeling with reparametrized RNN”, Association for the Advancement of Artificial Intelligence (AAAI) 2018
- C6 Dongyeop Kang, Varun Gangal, Ang Lu, Zheng Chen, Eduard Hovy, “Detecting and Explaining Causes From Text For a Time Series Event”, Proceedings of the Conference on Empirical Methods in Natural Language Processing (EMNLP) 2017

- C5 Jung-Woo Ha, Dongyeop Kang, Hyuna Pyo, Jeonghee Kim, “News2Images: Automatically Summarizing News Articles into Image-Based Contents via Deep Learning”, INRA Workshop @RecSys 2015
- C4 Dongyeop Kang, DongGyun Han, Na Hea Park, Sangtae Kim, U Kang, Soobin Lee, “Eventera: Real-time Event Recommendation System from Massive Heterogeneous Online Media”, ICDM 2014
- C3 Dongyeop Kang, Woosang Lim, Kijung Shin, Sael Lee, U Kang, “Data/Feature Distributed Stochastic Coordinate Descent for Logistic Regression”, Proceedings of the 23rd ACM International Conference on Conference on Information and Knowledge Management (CIKM), 2014
- C2 Dongyeop Kang, Youngja Park, Suresh Chari, “Hetero-Labeled LDA: A partially supervised topic model with heterogeneous label information”, European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases (ECML/PKDD) 2014
- C1 Dongyeop Kang, Daxin Jiang, Jian Pei, Zhen Liao, Xiaohui Sun, Ho-Jin Choi, “Multidimensional Mining of Large-Scale Search Logs: A Topic-Concept Cube Approach”, ACM International Conference on Web Search and Data Mining (WSDM) 2011

## INVITED INVITED SPEAKERS

### Invited Speakers and Lectures

- (Scheduled) Invited guest lecturer at Portland State University (PSU) In2Writing class
- (Scheduled) Invited Speaker at UMN NLP/IE group
- Invited Speaker, *Human-centric AI: For the Human, Of the Human, by the Human*, 3M NTFA Symposium, Aug 2023 *Disagreement Modeling in the era of Large Language Models*, Microsoft Research, May 2023
- Invited Panelist, *ChatGPT and the Future of AI-Assisted Professionals: A Discussion with UMN Law, Computer Science, and Education Experts on How AI is Disrupting Professional and Educational Spaces*, UMN Law School, May 2023
- Interview with Echo (student-run news site of St. Louis Park High School) on future of AI in classroom (GPT or GPA), Apr 2023
- Invited Speaker, *Career Paths as an AI researcher*, UMN Korean-American Scientists and engineers association (KSEA), Mar 2023
- Invited Speaker, *Modeling disagreement among humans for inclusive NLP systems*, Google People+AI Research (PAIR), Feb 2023
- Invited Speaker, *Human-centric NLP*, Hyundai AI, Dec 2022
- Invited Speaker, *Human-centric NLP*, NSF ROSE-HUB, Nov 2022
- Invited Speaker, *Human-centric NLP*, 3M NTFA Symposium, Sep 2022
- Invited Speaker, *Human-centric NLP: Learning from Human Perceptions, Interactions, and Disagreements*, Yonsei University, Jul 2022
- Invited Speaker, *Human-centric NLP: Learning from Human Perceptions, Interactions, and Disagreements*, KAIST CS, Jul 2022
- Invited Speaker, *Human-centric NLP: Learning from Human Perceptions, Interactions, and Disagreements*, LG AI Research, Jul 2022
- Invited Speaker, *Human-centric NLP: Learning from Human Perceptions, Interactions, and Disagreements*, Samsung Research, Jul 2022
- Invited Speaker, *Human-centric NLP: Learning from Human Perceptions, Interactions, and Disagreements*, Grammarly, Jul 2022
- Invited Speaker, *Human-centric NLP: Learning from Human Perceptions, Interactions, and Disagreements*, Thomson Reuters Labs, Jul 2022
- Invited Speaker, *Fixing the NLP Pipeline with Humans and Data*, USC ISI AI Seminar, Mar 2022

- Guest lecture, *Introduction to Natural Language Processing*, Intro to Undergraduate Research in CS, UMN, Mar 2022
- Invited Speaker, *Fixing the NLP pipeline with humans and data*, Naver AI US, Feb 2022
- Invited Speaker and panelist, *Language generation: current trends and the road ahead*, CMU LTI Seminar, Feb 2022
- Invited Speaker, *Humans and Data in the loop of NLP Pipeline*, GaTech NLP Seminar, Dec 2021
- Invited Speaker, *Humans and Data in the loop of NLP Pipeline*, Minnesota Robotic Institute Colloquium, Nov 2021
- Invited Speaker, *Humans and Data in the loop of NLP Pipeline*, KAIST SE Colloquium, Nov 2021
- Invited Speaker, *Styles and Interactions in Human-centered NLP*, Naver Labs Europe, Nov 2021
- Invited Speaker, *Styles and Interactions in Human-centered NLP*, Grammarly AI, Aug 2021
- Invited Speaker, *Styles and Interactions in Human-centered NLP*, SNU Summer AI school, Aug 2021
- Invited Speaker, *Toward Human-centric Language Generation Systems*, University of Wisconsin - Madison, CS Department, March 2021
- Invited Speaker, *Toward Human-centric Language Generation Systems*, University of Rochester, CS Department, March 2021
- Invited Speaker, *Toward Human-centric Language Generation Systems*, University of Minnesota - Twin Cities, CSE Colloquium, March 2021
- Invited Speaker, *Toward Human-centric Language Generation Systems*, KAIST, AI Department, Feb 2021
- Invited Speaker, *Linguistically Informed Language Generation*, KAIST AI Colloquium, Nov 2020
- Invited Speaker, *Linguistically Informed Language Generation*, GIST EECS Colloquium, Nov 2020
- Invited Speaker, *Uncertainty Calibration in Text Classifications*, Berkeley AI Research (BAIR) Workshop, July 2020
- Invited Speaker, *Linguistically Informed Language Generation*, CMU LTI Seminar, July 2020
- Invited Speaker, *Linguistically Informed Language Generation*, POSTECH AI Seminar, July 2020

## TEACHING

### Courses

- CSCI 5541 - Natural Language Processing - Spring 2023, Fall 2023
- CSCI 5980 - Natural Language Processing (NLP) with Deep Learning - Fall 2022
- CSCI 8980 - Introduction to Natural Language Processing (NLP) Research - Spring 2022

## ADVISING AND MENTORING

### Current Ph.D. Students

- Karin de Langis
- Debarati Das (co-advised with Jaideep Srivastava)
- Risako Owan (co-advised with Maria Gini)
- London Lowmanstone (co-advised with Maria Gini), CS&E Fellow
- Zae Myung Kim, 3M Fellow
- Anna Martin, CS&E Fellow
- Shirley Anugrah Hayati

### Current Masters/Undergraduate Students

- Jong Inn Park, Masters student
- Ritik Parkar, Masters student
- Minhwa Lee, Masters student
- Ryan Koo, undergraduate student
- Linghe Wang, undergraduate student
- Ishaan Gupta, undergraduate student
- Ruixin (Ray) Yang, visiting undergraduate student (UBC)
- Bin Hu, undergraduate student

#### **Past Ph.D./Masters/Undergraduate Students**

- Hao Zou, CS&E Undergraduate
- Kelsey Neis, Data Science Masters, Plan B
- James Mooney, CS&E Masters → UMN CS Ph.D.
- Ruyuan Wan, Linguistics Masters → University of Notre Dame, CS Ph.D.
- Miguel Miguélez Díaz, Data Science Masters → Amazon
- Yang He, CS&E Masters → Google
- David Ma, CS&E Masters → Optiver
- Jaehyung Kim, Visiting Ph.D. from KAIST → Meta AI intern
- Petros Karypis, CS&E Undergraduate → UCSD Masters
- Wanyu Du, Grammarly intern → University of Virginia

#### **Ph.D./Masters/Undergraduate Committee Member**

- Maral Abdollahi (Ph.D., Hubbard School), current
- Smitha Muthya Sudheendra (Ph.D., CS&E), current
- Haiwei Ma (Ph.D., CS&E), *Understanding Expressive Writing in Online Health Communities*, current
- Ruyuan Wan (Masters, Linguistics), Plan A (thesis), *Riddikulus: Detection of Persuasion Techniques in Memes*, Masters Thesis, Passed
- Miguel Miguélez Díaz (Masters, Data Science), Plan B (capstone), *Contextual Saliency Variation of Sentiment Classifiers*, Masters Capstone, Passed
- Smitha Muthya Sudheendra (Masters, CS&E) *Computational Trust Approach to Measuring Trust in News Organizations*, Masters Thesis, Passed
- Yu Fang (Masters, CS&E), Directed Research, Passed
- Jared Grambihler (Undergraduate, CS&E), *Drug and Dosage Discovery for Opioid Use Disorder Recovery on Social Media Posts*, Undergraduate Honor Thesis, Passed
- David Ha (Undergraduate, CS&E), *Supplementing Bug Reports using Matched App Reviews*, Undergraduate Honor Thesis, Passed
- Risako Owan (Ph.D., CS&E), *A Computational Exploration of Modal Verbs: From Theories to Practice*, OPE/WPE, passed