Jonathan Ivey

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Education

Ph.D. in Computer Science — **Aug. 2025 – Present**
Johns Hopkins University — *Baltimore, MD*
Advisors: Anjalie Field and Ziang Xiao

Honors B.S. in Data Science & B.A. in Mathematics — **Aug. 2021 – May 2025**
University of Arkansas — *Fayetteville, AR*

Publications and Preprints

Jonathan Ivey, Susan Gauch, and David Jurgens. 2025. NUTMEG: Separating Signal From Noise in Annotator Disagreement. In *Proceedings of the 2025 Conference on Empirical Methods in Natural Language Processing, EMNLP 2025.*

Jonathan Ivey, Shivani Kumar, Jiayu Liu, Hua Shen, Sushrita Rakshit, Rohan Raju, Haotian Zhang, Aparna Ananthasubramaniam, Junghwan Kim, Bowen Yi, Dustin Wright, Abraham Israeli, Anders Giovanni Møller, Lechen Zhang, and David Jurgens. 2024. Real or Robotic? Assessing Whether LLMs Accurately Simulate Qualities of Human Responses in Dialogue. *arXiv preprint arXiv:2409.08330.*

Jonathan Ivey and Susan Gauch. 2024. Improving Minority Stress Detection with Emotions. In *The Sixteenth International Conference on Information, Process, and Knowledge Management, eKNOW24.*

Presentations

Jonathan Ivey, Susan Gauch, and David Jurgens. January 2025. Separating Signal From Noise in Annotator Disagreement. *STEM at the Capitol.* Little Rock, AR, USA.

Jonathan Ivey and David Jurgens. July 2024. Separating Signal From Noise in Annotator Disagreement. *Summer Research Opportunity Program Research Symposium.* Ann Arbor, MI, USA.

Jonathan Ivey and Susan Gauch. May 2024. Improving Minority Stress Detection with Emotions. *The Sixteenth Annual Conference on Information, Process, and Knowledge Management (eKNOW 2024).* Barcelona, Spain.

Jonathan Ivey and Susan Gauch. April 2023. Emotion-infused Models for Minority Stress Detection. *Data Analytics that Are Robust and Trusted Conference.* Springdale, AR, USA.

Jonathan Ivey and Susan Gauch. April 2023. Emotion-infused Models for Minority Stress Detection. *University of Arkansas Honors College Poster Competition.* Fayetteville, AR, USA.

Industry Experience

Qualitative Research Analyst — **May 2023 – Aug. 2023**
University of Arkansas Division of Student Affairs — *Fayetteville, AR*

Data Science Intern — **June 2022 – Aug. 2022**
J.B. Hunt Transport Services — *Lowell, AR*

Business Intelligence Intern — **June 2021 – Aug. 2021**
ArcBest Technologies — *Fort Smith, AR*

Business Intelligence Intern   **June 2021 – Aug. 2021**
ArcBest Technologies   *Fort Smith, AR*

Awards & Honors

Senior Honor Citation   **May 2025**
Arkansas Alumni Association

Best Transfer of Knowledge Award   **May 2025**
University of Arkansas Data Science Program

Outstanding Undergraduate Researcher Award   **Jan. 2025**
Computing Research Association

Honors Undergraduate of the Year   **May 2024**
University of Arkansas Data Science Program

Outstanding Policy of the Year   **Apr. 2024**
University of Arkansas Associated Student Government

Goldwater Scholarship Nominee   **Dec. 2023**
Barry Goldwater Scholarship Foundation

Honors College Research Grant   **Dec. 2023**
University of Arkansas Honors College

Outstanding Cabinet Member of the Year   **Apr. 2023**
University of Arkansas Associated Student Government

Bodenhamer Fellowship   **June 2021**
University of Arkansas Honors College

Leadership & Campus Engagement

Razorback Action Group Member   **Sept. 2024 – Mar. 2025**
University of Arkansas Associated Student Government

Director of Policy   **Apr. 2023 – Apr. 2024**
University of Arkansas Associated Student Government

Vice Chancellor of Research and Innovation Search Committee   **Jan. 2023 – Sept. 2023**
University of Arkansas

ACT and Mathematics Tutor   **Sept. 2021 – Aug. 2023**
University of Arkansas

Director of Student Relations   **Apr. 2022 – Apr. 2023**
University of Arkansas Associated Student Government

Co-Founder   **Sept. 2021 – Sept. 2022**
The Quiz Bowl Club at the University of Arkansas