JENNIFER MICKEL

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EDUCATION

The University of Texas at Austin Bachelor of Science, **Computer Science Honors (Turing Scholars)** May 2024
Bachelor of Science and Arts, **Mathematics Honors (Polymathic Scholars)**

PUBLICATIONS, PRE-PRINTS, & BOOK CHAPTERS

[1] **J. Mickel**, M. De-Arteaga, L. Liu, K. Tian. "More of the Same: Persistent Representational Harms Under Increased Representation." *NeurIPS*. 2025. [pdf]

[2] A. Reuel, A. Ghosh, J. Chim, A. Tran, Y. Long, **J. Mickel**, …, S. Koyejo, & I. Solaiman. "Who Evaluates AI's Social Impacts? Mapping Coverage and Gaps in First and Third Party Evaluations." In Submission. 2026. [pdf]

[3] **J. Mickel**, C. Buckner, W. Agnew, Y. Long, M. Lin, B. Alaka, A. Wang, S. Arora, N. Swaminathan, A. Subramonian, & Organizers of Queer in AI. "Challenges Faced in Engaging with AI Policy by Grassroots Organizations." *Algorithmic Collective Action Workshop NeurIPS* (Oral Presentation). 2025. [pdf]

[4] S. Biderman, **J. Mickel**, B. Abbasi. "Write Code that People Want to Use." *Code ML Workshop ICML*. 2025. [pdf]

[5] I Solaiman*, Z. Talat*, W. Agnew, L. Ahmad, D. Baker, S. L. Blodgett, C. Chen, H. Daumé III, J. Dodge, I. Duan, E. Evans, F. Friedrich, A. Ghosh, U. Gohar, S. Hooker, Y. Jernite, R. Kalluri, A. Lusoli, A. Leidinger, M. Lin, X. Lin, S. Luccioni, **J. Mickel**, M. Mitchell, J. Newman, A. Ovalle, M. Png, S. Singh, A. Strait, L. Struppek, & A. Subramonian. "Assessing the Social Impact of Generative AI Systems" *The Oxford Handbook of the Foundations and Regulation of Generative AI*. 2025. Eds. P. Hacker, A. Engel, S. Hammer, B. Mittelstadt. Oxford University Press [pdf | preprint]

[6] T. Chang, C. Arnett,... , **J. Mickel**, … " Global PIQA: Evaluating Physical Commonsense Reasoning Across 100+ Languages and Cultures" *Preprint*. 2025. [pdf]

[7] **J. Mickel**. "Racial/Ethnic Categories in AI and Algorithmic Fairness: Why They Matter and What They Represent." *FAccT*. 2024. [pdf]

THESES

[1] **J. Mickel**. "Intersectional Insights for Robust Models: Introducing FOG 🌫️ for Improving Worst Case Performance Without Group Information." *Turing Scholars Honors Thesis*. Department of Computer Science, University of Texas at Austin, 2024. [pdf]

[2] **J. Mickel**. "The Importance of Multi-Dimensional Intersectionality in Algorithmic Fairness and AI Model Development." *Polymathic Scholars Honors Thesis*. Department of Computer Science, University of Texas at Austin, 2023. [pdf]

RESEARCH EXPERIENCE

EleutherAI - *Researcher*; New York, NY May 2025 - present
● Advised by Stella Biderman

Evaluating Evaluations Coalition - *Working Group Lead*; New York, NY April 2025 - present
● Led subgroups of 5-10 researchers for the Benchmark Saturation, Eval Cards, and Evaluation Science research streams
● Working Group Lead for the Next Eval Eval Workshop and Research Community Engagement streams
● Organized the Evaluating Evaluations 2025 workshop with UCSD and UK AISI in San Diego and the Evaluating Evaluations 2026 workshop at the Association for Computational Linguistics (ACL)

UT Austin - *Researcher*; Austin, TX January 2023 - December 2025
● Advised by Professors Kevin Tian, Maria De-Artega, and Leqi Liu

INDUSTRY EXPERIENCE

Datadog - *Software Engineer*; New York, NY February 2025 - present
● Improved the toxicity evaluation and added the ability for users to configure evaluations and adjust sampling and filtering parameters for the LLM Observability product
● Mentored an intern in improving the prompt injection evaluation to allow users to configure for specific types of prompt injection
● Implemented the tool argument correctness evaluation and conducted development work to allow analysis of multiple tool calls within one LLM call

Datadog - *Software Engineering Intern*; New York, NY May 2024 - August 2024
● Developed outlier detection evaluation for real-time identification of anomalous LLM responses for LLM Observability product

Cruise - *Software Engineering Intern*; San Francisco, CA May 2023 - August 2023
● Increased autonomous vehicle (AV) trip controls by 100% enabling 100+ agents to remotely cancel and end AV trips for 10,000+ ridehail users in 400+ AVs by developing and deploying cancel trip and end ride early functionality using React and Node.js

● Coordinated development across engineering, product, and design and tested using unit and E2E testing with the react-testing library and in prod with operations using driverless AVs to perform user acceptance testing and product functional testing

Indeed - *Software Developer Intern*; Austin, TX   May 2022 - August 2022
● Engineered Right to Work onboarding process accessed by 180,000+ users yearly using React, Django, Typescript, and Python, which records and saves user information and personal identification to improve user security and maintain sole data ownership

Co-Founder and President - *White Matter LLC;* Dallas, TX   July 2020 - May 2022
● Created mobile application using Python to provide users with working memory capacity for professional and individual use

Plexon Inc - *Software Development Intern*; Dallas, TX   June 2019 - August 2019, June 2020 - August 2020
● Devised proprietary API in Python to read neural spike data and devised example programs to demonstrate API functions
● Designed and developed neural data visualization applications using Python showcasing the integration of the PyOPXClient API

TALKS, PRESENTATIONS, AND PANELS

College of Natural Science Advisory Council AI Ethics/Safety Panel	**UT Austin** 2024
Evaluating the Social Impact of Generative AI Systems in Systems and Society	**Datadog** 2024
Evaluating the Social Impact of Generative AI Systems in Systems and Society	**London Data Week** 2024
Racial/Ethnic Categories in AI and Algorithmic Fairness: Why They Matter and What They Represent	**ACM FAccT** 2024
Evaluating the Social Impact of Generative AI Systems in Systems and Society	**Princeton University** 2024
Evaluating the Social Impact of Generative AI Systems in Systems and Society	**Stanford University** 2024
The Importance of Multi-Dimensional Intersectionality in Algorithmic Fairness and AI Model Development	**Cruise** 2023

TEACHING EXPERIENCE

University of Texas at Austin - *Natural Language Processing Teaching Assistant*   August 2023 - December 2023
● Held weekly office hours, graded assignments, and assisted students in learning about word embeddings, FFNNs, transformers, LLMs, and building NLP projects (sentiment analysis NN, feed-forward neural network (FFNN), language model, final project)

University of Texas at Austin - *Originality in the Arts and Sciences Teaching Assistant*   August 2021 - December 2023
● Mentored 3 cohorts of 6 undergraduate honors students in writing a grant proposal and developing a scientific experiment
● Clarified and explained how to read research papers, ask research questions, and develop methods for computer science research

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ACADEMIC SERVICE

● **Organizer** for the ACL 2026 workshop on Evaluating Evaluations: Examining Best Practices for Utilizing and Developing Generative Model Evaluations
● **Lead organizer** for the 2025 workshop on Evaluating AI in Practice: Bridging Statistical Rigor, Sociotechnical Insights, and Ethical Boundaries hosted in partnership with UK AISI and UCSD
● **Core organizer** (one of seven) for the NeurIPS 2024 workshop on Evaluating Evaluations: Examining Best Practices for Measuring Broader Impacts of Generative AI
● **Volunteer Chair** for FAccT 2026
● **Area Chair**: Eval Eval (NeurIPS Workshop 2024)
● **Reviewer**: FAccT 2026, NeurIPS 2025 (Ethics Reviewer, Position Paper), FAccT 2025, ACA (NeurIPS Workshop 2025), TrustNLP (NACCL Workshop 2025), Eval Eval (NeurIPS Workshop 2024), Redteaming Gen AI (NeurIPS Workshop 2024)
● **Student volunteer**: FAccT 2024 (in-person), FAccT 2023 (online)

HONORS & AWARDS

● **NSF CSGrad4US Graduate Fellowship ($159,000 over 3 years)**	Fall 2025
● Deans Honored Graduate (highest honor awarded to top ≤1% of graduating seniors)	Spring 2024
● College of Natural Sciences Research Distinction Award (awarded to top ≤5% graduating seniors)	Spring 2024
● Jean Holloway Teaching Award Selection Committee	Fall 2023
● Natural Sciences 21st Century Endowed Presidential Scholarship	Fall 2023 - Spring 2024
● Natural Sciences Council Endowed Service Scholarship	Fall 2022 - Spring 2023
● Bob Williams Endowment for Excellence in Undergraduate Mathematics	Fall 2022 - Spring 2023
● Nettle Bush PWS Scholarship	Fall 2021 - Spring 2022
● University Honors (5 Semesters)	Fall 2020 - Spring 2021, Spring - Fall 2022, Spring 2024
● Chuchu Ma Memorial Endowed Presidential Scholarship in Computer Science	Fall 2020 - Spring 2021
● College of Natural Sciences Merit Scholarship	Fall 2020 - Spring 2021

TECHNICAL SKILLS

Proficient In: Python, PyTorch, Go, Typescript, transformers, Pandas, SKLearn, Javascript, Java, C/C++, and React/React

Native, Node.js **Familiar With**: R, SQL, Django, Coq, YAML, C#