

Joyce Gill

Ph.D. Student in Education, admitted Autumn 2026

Bio

BIO

I am an Education Data Science PhD student at Stanford University, advised by Dora Demszky. My research lies at the intersection of human-AI interaction, education, and natural language processing. I study the translational and implementation science of AI systems to develop scalable and sustainable education measures.

In May 2026, I received my Bachelor's with Honors in Computer Science, Statistics, and Digital Studies from Grinnell College. Previously, I interned at Carnegie Mellon University's Human-Computer Interaction Institute and Columbia University.

HONORS AND AWARDS

- NSF Graduate Research Fellowship (GRFP), National Science Foundation (2026)
- Henry M. and Theresa P. Walker Endowed Prize for Excellence in Computer Science, Grinnell College (2026)
- Founder's Scholar (Full-Scholarship), Grinnell College (2022)

EDUCATION AND CERTIFICATIONS

- Bachelor's, Grinnell College , Computer Science, Statistics, Digital Studies (2026)

Publications

PUBLICATIONS

- **Investigating the Efficacy of Mastery-Based Tests in Fostering Effective Self-Regulated Learning Behaviors in CS1 Courses**
Gill, J., Asher, M. W., Carvalho, P. F., ACM
ASSOC COMPUTING MACHINERY.2026: 1663-1664
- **Adversarial Review: Structured Disagreement for Grounded Agentic Code Review**
Qiu, E. S., Gill, J.
International Conference on Machine Learning (ICML) 2026: Deep Learning for Code: Towards Human-Centered Coding Agents Workshop.
2026
- **Voting Protocols as Coordination Mechanisms for Role-Constrained Multi-Agent Tutoring Systems**
Qiu, E. S., Gill, J.
International Conference on Machine Learning (ICML) 2026: Trustworthy AI for Good (AI4GOOD) Workshop.
2026