

# Jane Castleman

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URL: <https://jane262o.github.io/>

## Education

2024-2026	MSE in Computer Science, Princeton University Adviser: Prof. Aleksandra Korolova <i>Relevant Graduate Courses: Theoretical Machine Learning; Deep Dive into LLMs; AI, Society, &amp; Education; CS, Law, &amp; Policy; AI Safety &amp; Alignment; Deep Learning Theory; Security &amp; Privacy.</i>	GPA: 4.0 / 4.0
2020-2024	BSE in Computer Science, Princeton University Advisers: Prof. Katrina Ligett & Prof. Aleksandra Korolova <i>Minors in Statistics &amp; Machine Learning, Technology Policy.</i>	GPA: 3.9 / 4.0 <i>Magna cum laude</i>

## Publications & talks

### CONFERENCE PAPERS

2025	<b>Castleman, Jane</b> and Korolova, Aleksandra (2025), “Adultification Bias in LLMs and T2I Models,” <i>ACM Conference on Fairness, Accountability, and Transparency (FAccT ’25)</i> . [Paper]
2024	<b>Castleman, Jane</b> and Korolova, Aleksandra (2024), “Why Am I Still Seeing This: Measuring the Effectiveness of Ad Controls and Explanations in AI-Mediated Ad Targeting Systems,” <i>7th AAAI Conference on AI, Ethics, and Society (AIIES ’24)</i> . [Paper]

### WORKSHOP PAPERS

2025	<b>Castleman, Jane*</b> , Nadeem, Nimra*, Namjoshi, Tanvi*, and Liu, Lydia T. (2025), “Missing the Mark: Rethinking Math Benchmarks for LLMs using IRT,” <i>AAAI 2025 Workshop on AI for Education (iRAISE)</i> . (Spotlight) [Paper] *denotes equal contribution.
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### TALKS

2025	Rethinking Benchmarks: Designing Valid & Reliable Evaluations for Generative AI, <a href="#">Data-Driven Social Science Connect: Interdisciplinary Exchange</a>
2024	Ad Controls & Explanations with AI-mediated Ad Targeting, <a href="#">CITP Conference Tech Policy: The Next 10 Years</a>
2023	The Invisible Ceiling: Barriers to Occupational Licensing for Justice-Impacted Individuals, <a href="#">Civics of Technology Conference</a>

## Grants, honors & awards

2026	Siebel Scholar (One of 5 Princeton computer science graduate students selected for an award of \$35,000)
2025	Princeton Data-Driven Social Science Grant (\$9,400) Graduate Fellowship in Social Data Science <a href="#">Heidelberg Laureate Forum Young Researcher</a> (One of 100 computer science students chosen globally) Princeton School of Engineering Travel Award (\$400, x2) EWA Travel Award (\$800) CVPR Travel Award (\$1,000)

2024 AIES/NSF Student Travel Award (\$1,500)  
 Outstanding Student Teaching Award, Princeton CS Dept. (\$1,000)  
 McIntosh Senior Thesis Funding Award, Princeton School of Engineering (\$5,000)

2023 All-Academic Team (National Intercollegiate Rugby Association)

## Research & Professional Experience

2024-2025 Center for Information Technology Policy, Research Assistant  
*Adviser: Aleksandra Korolova*  
 Initiating and leading multiple concurrent projects studying user privacy on generative AI platforms, limitations of fine-tuning for fairness, and robust evaluations of bias in generative AI. Research published at AIES and FAccT, and workshops at AAAI & CVPR.

2023 Ida B. Wells Just Data Lab, Research Associate  
*Adviser: Ruha Benjamin*  
 Led analysis of employment barriers for justice-impacted individuals across 41 U.S. occupations; quantified monetary losses (\$25k–\$250k) due to occupational licensing restrictions.

2023 Ernst & Young, LLC, Technology Consultant  
*Supervisor: Arun Balasubramanian*  
 Assisted in strategy to deploy AI tools for front- and back-office functions in financial services.

## Teaching

2025 COS350: Ethics of Computing (Head Teaching Assistant)  
 Leading group of 4 TAs to design precepts & grade assignments. Responsible for weekly office hours and/or precepts explaining fundamental course concepts, such as fairness in ML, bias in AI, and differential privacy. Created new teaching materials explaining these concepts to students.

2024 COS126: Introduction to Computer Science (Assistant Instructor)  
 COS350: Ethics of Computing (Assistant Instructor)  
 COS126: Introduction to Computer Science (Undergraduate TA)

2023 COS226: Data Structures & Algorithms (Peer Tutor)  
 MAT202: Linear Algebra (Peer Tutor)

## Leadership & Service

2025 Graduate Representative, Princeton Computer Science Climate & Inclusion Committee

2021-2024 Student Athlete Wellness Leader, Princeton Varsity Women's Rugby  
 Trained representative for players and University Health Services focusing on women's athlete health issues. Previously **Alumni Relations Chair**, coordinating opportunities with team alumni, and **Treasurer**. Committed 20 hours/week to practices, lifts, and competitions.

2022-2023 Co-President, Princeton Research, Innovation, & Design  
 Oversaw 6 software design and development projects involving 30 students and local clients. Responsible for sourcing, scoping, and organizing projects multi-semester projects.

Last updated: November 24, 2025