

Samantha D'Alonzo

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Education

- Columbia Law School** *Aug 2026 – Present*
J.D., 1 of 2 students (per year) in the Academic Scholars Program
- Northeastern University** *Aug 2024 – Present*
Interdisciplinary PhD Student, focusing on AI & Human-Computer Interaction
- Research Assistant at Plural Connections Group & AI-Media Strategies Lab
- Massachusetts Institute of Technology** *Aug 2017 – June 2021*
Bachelor of Science in Mathematics, Minor in Computer Science, GPA: 4.7 / 5.0

Work Experience

- Strategy & Product Analyst** *New York, NY*
Jane Street Capital *August 2021 – June 2024*
- Developed firm-wide options-based financing system that financed over \$500 million worth of positions: directed new-flow integration across compliance and engineering teams, and made strategic decisions on portfolio allocation
 - Managed global optimization project for position management including supervising daily execution: defined project scope and priorities, co-led cross-functional team of engineers and analysts on implementation
 - Received annual compensation increases based on performance; selected to interview prospective candidates and mentor new team members and interns
- Project Manager** *Remote*
Verity *May 2021 – August 2021*
- Led two software engineers to create a bias reporting interface for [Verity](#) 📄

Research Projects

- Paradigm Shifts in the AI-Media Era** *Spring 2026*
- Writing a paper for *Social Media & Society* exploring how the proliferation of GenAI content is ushering an epistemic shift in the media industry and technical solutions, like provenance or watermarking, to help users navigate GenAI content.
- RLHF as Survey Design & Content Moderation** *Fall 2025 - 2026*
- Systemically reviewed OpenAI alignment publications and developed a [visualization](#) 📄 for network analysis to argue that RLHF acted as a form of survey design and content moderation
 - Paper was accepted and will be published in FAccT 2026
- Intellectual Humility in Online Environments** *2024 - 2025*
- Developed machine learning classifier to identify intellectually humble communication patterns in text, contributing to research on improving discourse quality. Led team of 9 researchers
 - Paper was accepted and published at IC2S2 2025 and ICWSM 2026
- LLMs as Human Surrogates** *2025*
- Summarized 50+ technical academic papers and published a [white paper](#) 📄 with comprehensive guidance for communication practitioners looking to use LLMs in survey research
- Machine Learning Media Bias** *2020 - 2021*
- Developed an algorithm for automatically detecting differentially-used phrases from a database of over one million news articles based on information scores and novel NLP techniques for publication in [PLOS One](#) 📄
- Optimizing Dockless Bike-Sharing Systems** *2019*
- Presented [peer-reviewed research](#) 📄 at the Transportation Research Board Conference