

Briana Vecchione

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Academics	Cornell University Ph.D. Student, Information Science <i>Committee:</i> Solon Barocas, Karen Levy (<i>Co-Advised</i>), Jon Kleinberg	Aug 2018 — May 2023 (expected) <i>Computer Science Minor</i>
	Pace University B.S. Computer Science, <i>Magna Cum Laude</i>	Aug 2012 — May 2016 <i>Mathematics Minor</i>
Select Experience	Spotify, Research Scientist Intern Research bias-mitigating evaluation methods for cross-domain recommender systems. <i>Mentors:</i> Henriette Cramer, Zahra Nazari	June—Sept 2019
	Microsoft, Fellow Develop statistical dashboards for Manhattan Borough President’s Office using 311 service request data. <i>Mentors:</i> John Paul Farmer, Matt Stempeck	May 2016—Dec 2017
	Federal Reserve Board of Governors, Data Science Intern Develop and implement real-time operational dashboard for time series data releases.	June—Aug 2015
	Microsoft Research, Data Science Summer School Student Analyze network flow of NYC’s bike share program and develop load balancing algorithm. <i>Mentors:</i> Jake Hofman, Sharad Goel, Justin Rao	June—Aug 2014
Publications	T. Gebru, J. Morgenstern, B. Vecchione , J.W. Vaughan, H. Wallach, H. Daumé III, K. Crawford. “Datasheets for Datasets”. <i>ArXiv</i> , 2018. (<i>Under Review</i>)	
	Z. Nazari, C. Charbuillet, J. Pages, M. Laurent, D. Charrier, B. Vecchione , B. Carterette. “Recommending Podcasts for Cold-Start Users Based on Music Listening and Taste.” 2019. (<i>Under Review</i>)	
Select Honors, Awards, & Scholarships	Facebook Fellowship Selective fellowship to support full tuition, stipend, and travel for 2 years.	August 2020
	Ford Foundation Fellowship: Honorable Mention Selective fellowship based on academic performance and impact.	March 2020
	Google Women Techmakers Scholar Selective scholarship based on academic performance, leadership, and impact.	June 2019
	Cornell University Dean’s Excellence Fellowship Selective fellowship awarded to outstanding research degree students in support of diversity.	August 2018 — May 2019
	Computing Research Association: URMD Grad Cohort Sponsorship to attend workshop dedicated towards increasing diversity in computing research.	March 2019
	Forbes Under 30 Summit Fellow Sponsorship to attend the Under 30 Summit awarded to exceptional candidates creating social change.	October 2018
	City of New York Certificate of Recognition Recognized for research and development in support of the Manhattan Borough President’s Office.	July 2018
	Pace University 30 Under 30 Scholar Recognized as one of the most influential young alumni of Pace University for research contributions.	February 2018
	National Science Foundation ACM Tapia Scholar Sponsorship to support the ACM Richard Tapia Diversity in Computing Conference.	February 2016
	Anita Borg Institute GHC Scholar Sponsorship to support the Grace Hopper Celebration. (~20% acceptance rate)	October 2015

Select Invited Talks	Self Balancing Bikes: Locally Re-Routing Users to Improve the Flow of Bike Share Programs	<ul style="list-style-type: none"> • ACM Richard Tapia Celebration. <i>Won Best Paper Award (2nd Place)</i>. February 2015 • Microsoft Research New York August 2014 • Knowledge Discovery and Data Mining (KDD) at Bloomberg August 2014 	
	Datasheets for Datasets	<ul style="list-style-type: none"> • Mechanism Design for Social Good, Bias Fairness & Discrimination Working Group March 2019 • Cornell University, AI Policy & Practice September 2018 	
	Research & Development for Civic Engagement	<ul style="list-style-type: none"> • Stanford Digital Impact World Tour October 2017 • Bloomberg Data for Good Exchange September 2017 • New York University, Women in Computer Science February 2016 • Metropolitan Museum of Art Media Lab June 2016 	
	Bias, Diversity, & Inclusion in Data Science & AI	<ul style="list-style-type: none"> • Cornell University, Women in Tech & Entrepreneurship August 2016 • oSTEM National Conference November 2015 • Facebook New York November 2015 • Sony Wonder Lab September 2015 	
	Professional & Service Activities	AI, Policy, and Practice, <i>Member</i>	Aug 2018 — Present Interdisciplinary research initiative with the goal of combining technical, sociological, philosophical, and legal expertise to more fully understand and develop the future path and impact of AI.
		Mechanism Design for Social Good, <i>Member</i>	Aug 2018 — Present Multi-institutional, interdisciplinary research group which uses insights from algorithms, optimization, and mechanism design to improve access to opportunity.
		Cornell Graduate Women in Science, <i>Web Developer</i>	Aug 2019 — Present Organization with the goal of improving scientific culture of the sciences for women and gender minorities through a combination of outreach, teaching, and advocacy.
		Microsoft Research FATE Discussion Group, <i>Discussant</i>	January — November 2017 Fairness, Accountability, Transparency, and Ethics reading and discussion group studying the complex social implications of AI, machine learning, data science, experimentation, and increasing automation.
		NASA Datanaut, <i>Cohort Member</i>	June — December 2016 International community with the goal of increasing proficiency of data science skills through access to and use of NASA's open data.
		Volunteer: ACM FAT* 2019, AINow 2017	
Skills	Languages: R, Python, Git, SQL, HTML/CSS/JavaScript Databases & Servers: PostgreSQL, MySQL, BigQuery, Nginx, uWSGI, Redis Platforms & DevOps: GCP, AWS, Microsoft Azure, Digital Ocean		
Teaching & Mentorship Experience	Cornell University, <i>Teaching Assistant</i>	Department of Computer and Information Science, <i>Introduction to Web Design</i> Fall 2019 Grade labs, supervise sections, handle online discussions, track attendance, and help manage an undergraduate TA team of ~40 students.	
	Pace University	Women in Technology Club, <i>Co-Founder</i> August 2014 — May 2016 Coached resume and scholarship application workshops for women and underrepresented persons in computing. Recruited, scheduled, and hosted guest lecturers.	
	Guest Lecturer or Workshop Instructor	<ul style="list-style-type: none"> • Introduction to Data Science. <i>Cornell University</i>. Spring 2019 • Building Civic Data Dashboards. <i>Manhattan Borough President's Office</i>. April 2017 • Personal Digital Privacy. <i>Arab American Association</i>. March 2017 • Keynote. <i>Intrepid Sea, Air, and Space Museum: GOALS for Girls</i>. April 2016 	