Hannah Pullen-Blasnik

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Full-Time Employment

2019-Present   **Columbia University**, *Sociology PhD Candidate*, New York, NY.
- Manage conceptualization, data collection, qualitative and quantitative statistical analysis, and presentation for multi-year projects on the criminal legal system, real estate development, algorithms and surveillance technology, and social movements
- Coordinated the Institute for Social and Economic Research and Policy's Sociology of Algorithms workshop (2020-22) and the Center for the Study of Social Difference's Racial Capitalism Working Group (2020-21)

2015, 2016-2019   **Digitas**, *Senior Data Scientist; Data Scientist; Analyst*, Boston, MA.
- Employed descriptive analysis, predictive modeling, statistical and machine learning techniques, data transformation pipelines, and interactive visualizations in R, Python, and SQL for large-scale data in distributed computing environments
- Managed, produced, and delivered 10 long-term client projects, weekly ad-hoc analyses, and dozens of new business pitches for technical and non-technical audiences
- Built and maintained team-wide training and documentation, taught onboarding sessions, and led algorithmic bias research and development initiatives

Research Experience

2023-Present   **Incite**, *Graduate Researcher*, New York, NY.
- Project Director and supervisor for the Trust Collaboratory's Criminal Legal Algorithms, Technology, and Expertise (CLATE) project. Paper examines DNA software, legal debates, and contested expertise
- Graduate Researcher on the Data and Racial Inequality Project (DRIP)
- Graduate Researcher on the Movements Against Mass Incarceration Lab

2021-Present   **Office of Assembly Member Zohran Mamdani**, *Research Volunteer*, New York, NY.
- Build web apps and analyze police calls data to develop strategies to reduce police reliance
- Conduct interviews with business owners about police interactions and alternative systems

2020-2022   **Columbia Justice Lab**, *Graduate Research Assistant*, New York, NY.
- Analyzed large-scale, statewide administrative data on incarceration disparities. Widely cited paper finds 1 in 9 Black men in Pennsylvania are held in solitary by age 32.

2017-2022   **Data For Black Lives**, *Research Volunteer*, National/Remote.
- Developed algorithmic auditing, fairness, and transparency criteria for No More Data Weapons campaign
- Managed teams on web development of oral history archive, data collection on surveillance technology with Electronic Frontier Foundation, and over 60 volunteers during annual conferences

2018-2019   **ACLU of Massachusetts**, *Volunteer Data Scientist*, Boston, MA.
- Analyzed, advised, and provided data peer review for 5 legal cases, including the successful overturn of over 24,000 tainted drug convictions in *CPCS v. Attorney General* and the Decline to Prosecute report on low-level felonies and misdemeanors

2016   **Center for the Study of Race and Ethnicity in America**, *Research Assistant*, Providence, RI.

Education

2025 (expected)   **Columbia University**, *Ph.D. Sociology*, New York, NY.
National Science Foundation Graduate Research Fellow (NSF GRFP), Paul F. Lazarsfeld Fellow.
Interests: criminal legal system, algorithms and surveillance, urban development, political economy

2023   **Columbia University**, *M.Phil. Sociology*, New York, NY.

2021   **Columbia University**, *M.A. Sociology*, New York, NY, GPA: 4.1.

2012-2016   **Brown University**, *Sc.B. Social Analysis and Research*, Providence, RI, GPA: 4.0.
Magna cum laude, departmental honors, Alumni Award for Outstanding Sociology Undergraduate Thesis, Sociological Methods Award, Peter G. and Paul G. Hanoian Memorial Award

Skills

Programming   R, Python (Pandas, PySpark), SQL, Stata, SPSS, Javascript (D3), HTML, CSS

Technical   Arc/QGIS, RShiny, Excel, Tableau, AWS (S3 and EC2), GCP, Linux, LaTeX, Git