Ben Green

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APPOINTMENTS	**University of Michigan**	
	Assistant Professor, School of Information	2023–Present
	Assistant Professor (by courtesy), Gerald R. Ford School of Public Policy	2023–Present
	Assistant Professor (non-TT), Gerald R. Ford School of Public Policy	2020–2023
	Postdoctoral Scholar, Society of Fellows	2020–2023

EDUCATION	**Harvard University**	
	PhD in Applied Mathematics (Secondary Field in Science, Technology, & Society)	2020
	MS in Applied Mathematics	2016
	Yale University	
	BS in Mathematics & Physics, with distinction (Cum Laude)	2014

OTHER AFFILIATIONS	**Berkman Klein Center for Internet & Society at Harvard**	
	Faculty Associate	2023–Present
	Affiliate	2018–2023
	Fellow	2016–2018
	Center for Democracy & Technology	
	Fellow	2022–2024
	AI Now Institute at New York University	
	Research Fellow	2019–2020

GRANTS AND FELLOWSHIPS	Michigan Institute for Data & AI in Society PODS Grant (co-PI, $70,000)	2024
	Google Award for Inclusion Research Grant (co-PI, $60,000)	2023
	University of Michigan Society of Fellows	2020
	Berkman Klein Center for Internet & Society Fellowship	2016
	Harvard Kennedy School Taubman Center Urban Experience Fellowship	2016
	NSF Graduate Research Fellowship	2015
	DOD Science and Engineering Graduate Fellowship (declined)	2015
	Herbert Winokur SEAS Graduate Fellowship	2015
	Eric & Wendy Schmidt Data Science for Social Good Summer Fellowship	2014
	Dwight Hall at Yale Urban Fellowship	2013
	New Haven Mayor's Community Arts Grant	2013
	Yale President's Public Service Fellowship	2013
	Alan S. Tetelman 1958 Fellowship for International Research in the Sciences	2011

AWARDS AND HONORS	Sigma Xi, Full Member	2026
	Privacy Papers for Policymakers Award, Future of Privacy Forum	2022
	Best Paper Award, ACM CSCW	2019
	Best Technical and Interdisciplinary Paper Award, ACM FAT*	2019
	Best Paper Award (Public Policy Track), AI for Social Good Workshop (NeurIPS)	2019

BOOKS	Ben Green. *Algorithmic Realism: Data Science Practices to Promote Social Justice.* MIT Press. Forthcoming Fall 2026.
	Ben Green. *The Smart Enough City: Putting Technology in Its Place to Reclaim Our Urban Future.* MIT Press. 2019. [Translations: Chinese, Japanese, Persian]

PEER-REVIEWED
ARTICLES
(underline indicates
student mentee)

<u>Jared Katzman</u>, Ben Green, and Tawanna Dillahunt. "Designing for Proactive Accountability: Lessons on Governing Technology from Detroit's Food Sovereignty Movement." *ACM CHI conference on Human Factors in Computing Systems*, conditionally accepted.

<u>Nel Escher</u>, Jeffrey Bilik, Nikola Banovic, and Ben Green. "Code-ifying the Law: How Disciplinary Divides Afflict the Development of Legal Software." *Proceedings of the ACM on Human-Computer Interaction*, vol. 8, CSCW2. 2024.

Ben Green. "The Flaws of Policies Requiring Human Oversight of Government Algorithms." *Computer Law & Security Review*, vol. 45. 2022. **Future of Privacy Forum Privacy Papers for Policymakers Award**

Ben Green. "Escaping the Impossibility of Fairness: From Formal to Substantive Algorithmic Fairness." *Philosophy & Technology*, vol 35. 2022.

Yaniv Yacoby, Ben Green, Christopher L. Griffin, and Finale Doshi-Velez. "'If it didn't happen, why would I change my decision?': How Judges Respond to Counterfactual Explanations for the Public Safety Assessment." *Proceedings of the AAAI Conference on Human Computation and Crowdsourcing (HCOMP)*, vol. 10. 2022.

Ben Green and Yiling Chen. "Algorithmic Risk Assessments Can Alter Human Decision-Making Processes in High-Stakes Government Contexts." *Proceedings of the ACM on Human-Computer Interaction*, vol. 5, CSCW2. 2021.

Ben Green. "Data Science as Political Action: Grounding Data Science in a Politics of Justice." *Journal of Social Computing*, vol. 2, no. 3. 2021.

Ben Green. "The Contestation of Tech Ethics: A Sociotechnical Approach to Technology Ethics in Practice." *Journal of Social Computing*, vol. 2, no. 3. 2021.

Ben Green and Salomé Viljoen. "Algorithmic Realism: Expanding the Boundaries of Algorithmic Thought." *Proceedings of the ACM Conference on Fairness, Accountability, and Transparency (FAT*)*. 2020.

Ben Green. "The False Promise of Risk Assessments: Epistemic Reform and the Limits of Fairness." *Proceedings of the ACM Conference on Fairness, Accountability, and Transparency (FAT*)*. 2020.

Ben Green and Yiling Chen. "The Principles and Limits of Algorithm-in-the-Loop Decision Making." *Proceedings of the ACM on Human-Computer Interaction*, vol. 3, CSCW. 2019. **Best Paper Award**

Ben Green and Yiling Chen. "Disparate Interactions: An Algorithm-in-the-Loop Analysis of Fairness in Risk Assessments." *Proceedings of the ACM Conference on Fairness, Accountability, and Transparency (FAT*)*. 2019. **Best Technical and Interdisciplinary Paper Award**

Ben Green, Thibaut Horel, and Andrew Papachristos. "Modeling contagion through social networks to explain and predict gunshot violence in Chicago, 2006 to 2014." *JAMA Internal Medicine*, vol. 177, no. 3. 2017.

Ben Green, Paul Bardunias, J. Scott Turner, Radhika Nagpal, and Justin Werfel. "Excavation and aggregation as organizing factors in de novo construction by mound-building termites." *Proceedings of the Royal Society B*, vol. 284, no. 1856. 2017.

Ben Green, Alejandra Caro, Matt Conway, Robert Manduca, Tom Plagge, and Abby Miller. "Mining administrative data to spur urban revitalization." *Proceedings of the 21st ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD)*. 2015.

WORKSHOP AND SHORT PAPERS	<u>Jared Katzman</u>, Tawanna Dillahunt, and Ben Green. "Anticipation Is More Than Prediction: Proactively Preventing Harms in AI Development." *CHI Workshop on Sociotechnical AI Governance.* 2025.
	<u>Nel Escher</u>, Jeffrey Bilik, Alexander Miller, Jennifer Jiyoung Huseby, Divya Ramesh, Alice Liu, Sam Mikell, Nina Cahill, Ben Green, Nikola Banovic. "Cod(e)ifying The Law." *1st Workshop on Programming Languages and the Law.* 2022.
	Yaniv Yacoby, Ben Green, Christopher L. Griffin, and Finale Doshi-Velez. "'If it didn't happen, why would I change my decision?': How Judges Respond to Counterfactual Explanations for the Public Safety Assessment." *CHI Workshop on Human-Centered Perspectives in Explainable AI.* 2022.
	Ben Green. "Reply: Hermeneutical injustice in sociotechnical systems." *Journal of Cross-disciplinary Research in Computational Law.* 2021.
	Ben Green and Yiling Chen. "Algorithm-in-the-Loop Decision Making." *AAAI-20 Sister Conference Track.* 2020.
	Ben Green. "'Good' isn't good enough." *NeurIPS Joint Workshop on AI for Social Good.* 2019. **Best Paper Award (Public Policy Track)**
	Ben Green. "'Fair' Risk Assessments: A Precarious Approach for Criminal Justice Reform." *Workshop on Fairness, Accountability, and Transparency in Machine Learning (ICML).* 2018.
	Ben Green and Lily Hu. "The Myth in the Methodology: Towards a Recontextualization of Fairness in Machine Learning." *Machine Learning: The Debates Workshop (ICML).* 2018.
	Ben Green. "Testing and quantifying collective intelligence," *Proceedings of the Collective Intelligence Conference.* 2015.
JOURNAL ISSUES	Ben Green (ed.) "Technology Ethics in Action: Critical and Interdisciplinary Perspectives." Special Issue of the *Journal of Social Computing.* 2021.
POLICY REPORTS	Terry Nguyen and Ben Green. "What Happens When Data Centers Come to Town?" *University of Michigan Science, Technology, and Public Policy Program.* 2025.
	Kate Crawford, Roel Dobbe, Theodora Dryer, Genevieve Fried, Ben Green, Elizabeth Kaziunas, Amba Kak, Varoon Mathur, Erin McElroy, Andrea Nill Sánchez, Deborah Raji, Joy Lisi Rankin, Rashida Richardson, Jason Schultz, Sarah Myers West, Meredith Whittaker. "AI Now 2019 Report," *AI Now Institute.* 2019.
	Ben Green, Gabe Cunningham, Ariel Ekblaw, Paul Kominers, Andrew Linzer, and Susan Crawford. "Open Data Privacy: A risk-benefit, process-oriented approach to sharing and protecting municipal data," *Berkman Klein Center for Internet & Society at Harvard University.* 2017.
PUBLIC WRITING	Ben Green. "Using AI to Reform Government is Much Harder Than it Looks." *Tech Policy Press*, June 3, 2025.
	Ben Green. "DOGE Plan to Push AI Across the US Federal Government is Wildly Dangerous." *Tech Policy Press*, March 6, 2025.
	Ben Green. "The Encroachment of Smart Cities," in *Resisting Borders and Technologies of Violence*, edited by Mizue Aizeki, Matt Mahmoudi, and Coline Schupfer. Haymarket Books. 2023.
	Ben Green. "Government by algorithm: Can AI improve human decisionmaking?" *The Hill*,

September 21, 2021.

Ben Green and Amba Kak. "The False Comfort of Human Oversight as an Antidote to A.I. Harm." *Slate*, June 15, 2021.

Ben Green. "Algorithmic Imaginaries: The Political Limits Of Legal And Computational Reasoning." *The Law and Political Economy Blog*, April 21, 2021.

Jake Goldenfein, Ben Green, and Salomé Viljoen. "Privacy Versus Health Is a False Trade-Off." *Jacobin*, April 17, 2020.

Ben Green. "Smile, Your City is Watching You." *The New York Times*, June 27, 2019.

Ben Green. "The Biggest Mistakes Cities Make in Their Quest to Be Smart." *The Wall Street Journal*, May 17, 2019.

Ben Green. "Can predictive policing help stamp out racial profiling?" *The Boston Globe*, April 17, 2019.

Ben Green. "Cities Are Not Technology Problems: What Smart Cities Companies Get Wrong." *Metropolis Magazine*, March 4, 2019.

EXPERT TESTIMONIES/PUBLIC COMMENTS	Canadian Civil Liberties Association v. Waterfront Toronto (2019, 2020)
	New York City Council Committee on Public Safety (2019)
	Re: HUD's Implementation of the Fair Housing Act's Disparate Impact Standard (2019)
	Boston City Council Committee on Public Safety and Criminal Justice (2018)
	Cambridge City Council Public Safety Committee (2017)

COURSES TAUGHT	UM Information 305: Introduction to Information Analysis	F23, F24, F25, W26
	UM Information 326: Understanding AI	F25
	UM Information 485: Information Analysis Capstone	W24
	UM Public Policy 474: Policy and Politics of Government Algorithms	W21, W23
	UM Public Policy 580: Values and Ethics in Public Policy	W22

PHD ADVISING	Andrew Balch (Advisor, UMSI)	2025–Present
	Ira Anwar (Co-advisor, UMSI)	2025–Present
	Shreya Chowdhary (Advisor, UMSI)	2023–Present
	Jared Katzman (Co-advisor, UMSI)	2023–Present
	Nel Escher (Co-advisor, UM CSE)	2022–2025

OTHER ADVISING	Amina Abdu (Dissertation Committee Member, UMSI)	2025–Present
	John Rudnik (Dissertation Committee Member, UMSI)	2024–Present
	Brinda Gokul (Dissertation Committee Member, UMSI)	2023–2025
	Pelle Tracey (Dissertation Committee Member, UMSI)	2022–2025
	Nathan Kim (PhD Preliminary Exam Committee Member, UMSI)	2025
	Amina Abdu (PhD Preliminary Exam Committee Member, UMSI)	2023
	Brinda Gokul (PhD Preliminary Exam Committee Member, UMSI)	2023
	Grace Burleson (Dissertation Committee Member, UM Design Science)	2021–2023
	Jared Katzman (PhD Precandidacy Exam Committee Member, UMSI)	2023
	Cami Goray (PhD Preliminary Exam Committee Member, UMSI)	2022
	Sam Mikell (Senior Thesis Advisor, UM CSE and Business)	2020–2022
	Rebecca Ackerman (Independent Study Advisor, UM Public Policy)	Fall 2020
	Paul Nebres (Senior Thesis Advisor, Harvard CS)	2019–2020

OTHER TEACHING	Visiting Fellow, NYU Technology Law & Policy Clinic	2019–2020
	Faculty Member, UC Irvine Technology, Law, and Society Summer Institute	June 2018

Course Assistant, Harvard Law School Responsive Communities Lab   Fall 2016
Head Teaching Fellow, Harvard Computer Science 182: Artificial Intelligence   Fall 2015
Math and Science Coordinator, Dwight Hall Academic Mentoring Program at Yale 2013–2014
Tutor, Yale College Science and Quantitative Reasoning Center   2011–2014

<table>
<tr><td>SELECTED MEDIA
COVERAGE</td><td>The New York Times, The Washington Post, The Wall Street Journal, Los Angeles Times, Science, Wired, Politico, Financial Times, Boston Review, Tech Policy Press, CityLab, Slate, NPR, The Intercept, Gizmodo, Government Technology, Protocol, Huffington Post, Bloomberg, StateScoop, Communications of the ACM, This Week in Machine Learning and AI Podcast, Planet Detroit, MLive, Michigan Public Radio, Consumer Reports, Chicago Sun Times</td></tr>
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POLICY AND PUBLIC SERVICE EXPERIENCE

City of Boston
Department of Innovation & Technology   Data analytics fellow
Municipal data analytics and policy   June 2016 – May 2017
Worked for the Citywide Analytics Team combining data analysis and performance management to improve operations for Boston's Emergency Medical Services, Fire Department, and Public Works department. Developed privacy policies and practices for enhancing civic engagement.

Harvard University
Berkman Center for Internet & Society   Data governance fellow
Best practices for municipal data governance   January 2016 – August 2017
Worked with municipal data officials and led a team of researchers to develop best practices for how cities manage data. Wrote a report about open data privacy that has influenced privacy policies in cities including Austin, Boston, Cambridge, Columbus, San Francisco, and Seattle.

University of Chicago
Data Science for Social Good   Research fellow
Data science for urban revitalization   June 2014 – August 2014
Worked with the Mayor's Innovation Delivery Team in Memphis, TN to develop a machine learning system that could enhance efforts to revitalize distressed neighborhoods.

City of New Haven
Department of Transportation   Policy intern
Improving parking technology and policy   May 2013 – May 2014
Coordinated the adoption of new smartphone payment technology in parking meters throughout New Haven. Updated parking regulations to reduce congestion and aid economic development.

Yale University
Design for America   Team founder and leader
Creating artistic bike racks   September 2012 – May 2014
Created a program to improve bicycling infrastructure in New Haven with bike racks that double as public art, funded by local businesses and a Mayor's Community Arts Grant.

SELECTED TALKS

2026   Michigan House Oversight Subcommittee on Corporate Subsidies and State Investments
            Federal Reserve Bank of Chicago

2025   Pennsylvania Environmental Justice Advisory Board
            ACLU Analytics Team
            NYU Law School Privacy Research Group
            Howell, MI Data Center Community Info & Action Night
            University of Michigan Climate Week

2024   The 48th annual AAAS Science & Technology Policy Forum
            European Data Protection Supervisor IPEN meeting (keynote)
            Undone Computer Science Conference (keynote)

CMU HCI Institute Seminar
Electronic Privacy Information Center (EPIC) Advisory Board Meeting
Doctoral Summer School on Sustainable ICT (keynote)
Côte d'Azur University Visions of AI seminar
Data for Good for Education Workshop (Academic Data Science Alliance Annual Meeting)
Governance of Sociotechnical Transformations (Harvard Kennedy School STS workshop)

2023   Indiana University Ostrom Workshop
Ohio State University Tech in the City Seminar
Center for Democracy and Technology Fellows Meeting
Impact Labs
Michigan Technology Law Review Symposium: Law and Justice in the Age of AI

2022   Federal Trade Commission
National Institute of Standards and Technology
UK Information Commissioner's Office and The Alan Turing Institute AI Workshop
UNESCO Artificial Intelligence for Information Accessibility Conference
County of Santa Clara Data Privacy Day
Simons Institute AI and Humanity Workshop
Berkeley Data Science and Social Justice Workshop
Georgetown Center for Digital Ethics
Georgetown McCourt School of Public Policy
Future of Privacy Forum 12th Annual Privacy Papers for Policymakers Event
Columbia School of International and Public Affairs
Beyond Fairness: Big Data, Racial Justice & Housing (MIT conference)
University of Chicago Human+AI Lab
Istanbul Bilgi University Technology Law Institute
Harvard AI-Assisted Decision-Making Colloquium
Berkman Klein Center for Internet & Society at Harvard University
Center for Democracy and Technology Fellows Meeting
Workshop on Governing Smart Cities as Knowledge Commons
University of Michigan Law School Privacy Tech Law Association
Columbia CS W3410: Computers and Society: Computers and Society (guest lecture)
Georgetown Law 1698: Technology Law and Policy Colloquium (guest lecture)
NYU ITP 2184: Technology, Media and Democracy (guest lecture)
Drexel HNRS 301: Fairness in AI (guest lecture)

2021   World Bank GPURL Live forum
EPIC Symposium on Regulating AI
United Nations World Summit on the Information Society Forum
University of Toronto Centre for Ethics
International Smart City Symposium: Redefining the Smart City
Center for Data Innovation AI Policy Network
Princeton Metropolis Project
ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)
UNC-Charlotte Center for Professional and Applied Ethics
NYU Law School Privacy Research Group
ETH Zurich and RegHorizon AI Policy Conference
National Academies of Sciences, Engineering, and Medicine Responsible Computing Panel
Law and Society Association Conference
Michigan Institute for Data Science
UVA PLAN 3030: Neighborhoods, Community and Regions (guest lecture)

2020   Beeck Center for Social Impact and Innovation at Georgetown
Critical Perspectives on Artificial Intelligence Ethics Conference
University of Calgary Social Justice in the Smart City Seminar Series

Economics of Digital Transformation Conference (keynote)
Judicial Council of California
Anthropology + Technology Conference
Route Fifty Future Cities Conference
Columbia GSAPP Lectures in Planning Series
MIT City Science Research Group
Harvard Kennedy School
Thirty-Fourth AAAI Conference on Artificial Intelligence (AAAI-20)
ACM Conference on Fairness, Accountability, and Transparency (FAT*)
NYU STS-UY 3004W: AI and Society (guest lecture)
NYU Law Innovation Externship Seminar (guest lecture)
University of Toronto Information 2303: Big Data in the City (guest lecture)
University of Wisconsin, Parkside MAPS 741: Smart Policy-Making (guest lecture)

2019   MIT Press Bookstore
MIT Department of Urban Studies and Planning
NeurIPS Joint Workshop on AI for Social Good
Heinrich Böll Foundation, Digital Rights and Sustainability workshop
Arizona State University Smart Region Summit (keynote)
Cornell Tech Digital Life Seminar
Harvard Kennedy School Ash Center for Democratic Governance
Tufts University Science, Technology, and Society Lunch Seminar
Brattleboro Literary Festival
New York Law School Innovation Center for Law and Technology
NYU Law School Privacy Research Group
University of New Hampshire Law School
Drexel Law School, Governance in the Age of Algorithms workshop
Carleton University Master of Public Policy and Administration program
Seton Hall Law School Institute for Privacy Protection Spring Conference
American Institute of Architects, New York
Boston Society of Architects
University of California, Irvine
Berkman Klein Center Luncheon Series
ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)
ACM Conference on Fairness, Accountability, and Transparency (FAT*)
Crime Lab New York
AI Now Institute at NYU
Harvard Applied Computation 221: Critical Thinking in Data Science (guest lecture)
Harvard Sociology 98AB: Urban Politics in the Global City (guest lecture)

2018   Privacy Task Force for New Jersey Municipalities
Strategic Leadership Development for Senior Vietnamese Government Officials
Berkman Klein Center Attorney General Tech Forum
Seton Hall Law School Artificial Intelligence and the Law Conference
MetroLab Annual Summit (panel moderator)
University of Indiana Ostrom Workshop on Smart Cities
Humboldt University of Berlin Faculty of Law

2017   Future of Privacy Forum Smart Cities working group
Seton Hall Law School Institute for Privacy Protection Conference
National Network for Safe Communities National Conference
Harvard Data Privacy Lab Talks on Technology Science
LibrePlanet
Boston Area Research Initiative Spring Conference

2016   Digital Communities Mid-Year CIO Leadership Group Meeting

City of Cambridge Open Data Review Board
Harvard Law School 2813: City Use of Technology (guest lecture)

| 2015 | ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD) |
| | Collective Intelligence |

SERVICE

Institutional Service
UMSI BSI Committee (2023-2025)
UMSI Postdoctoral Fellows Mentor (2024-2025)
Michigan Interactive and Social Computing Group Faculty Co-organizer (2023-2024)
Michigan Institute for Data Science Program Committee (2022–2023)

External Boards and Committees
Electronic Privacy Information Center (EPIC) Advisory Board (2022–Present)
National Book Foundation Science + Literature Selection Committee (2022–2023)

Workshop and Conference Organizing
Doctoral Consortium Co-chair (ACM FAccT, 2021)
The Future of IoT in Cities (Harvard Law School, 2016)
Best Practices in Municipal Open Data Management (Harvard Law School, 2016)

Conference Program Committees
ACM Conference on Fairness, Accountability, and Transparency (FAccT) 2019–2023, 2025–2026
AAAI/ACM Conference on AI, Ethics, and Society (AIES) 2023–2025
Hybrid Human-Artificial Intelligence Conference (HHAI) 2022–2024
AAAI Conference on Human Computation and Crowdsourcing (HCOMP) 2022
Undone Computer Science 2026
International ACM Web Science Conference (WebSci) 2019
Debugging Machine Learning Models (ICLR workshop) 2019
Mechanism Design for Social Good (EC workshop) 2019

Reviewing
National Science Foundation (ad hoc review)
MIT Press (5x)
ACM CSCW (2020–2025)
ACM CHI (2020, 2023, 2024, 2026)
ACM Journal on Responsible Computing
Big Data & Society (4x)
ACM Transactions on Computing Education NeurIPS Ethics Reviews (2021–2024)
Black in AI (NeurIPS workshop) 2018–2024
Oxford University Press
University of Toronto Press
Polity Books
Information, Communication & Society (2x)
Communications of the ACM
Internet Policy Review
Patterns
Online Information Review
AI & Society
Data Mining and Knowledge Discovery
Journal of Urban Affairs
Journal of Law and Political Economy
npj Digital Medicine
RAND Corporation research report
Open Data Research Symposium
Black in AI Innovation and Research Summer Research Grant Program (2021)

ETH Zurich Research Commission