

# Jeremy Pesner

## Analyst, Strategist & Advisor for Technology Policy

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### Professional Experience

Principal Technology Policy Analyst

May 2022 - Dec 2022

#### Bipartisan Policy Center

- Collaboratively authored comprehensive policy briefing documents to provide decisionmakers in Congress and elsewhere with new insights on AI, cybersecurity, XR, privacy and broadband
- Developed relationships with ~50 stakeholders to outline 2023 cyber risks, inform federal and state regulation, facilitate cross-sector collaboration and influence government and corporate actions
- Facilitated discussions with outside stakeholders and convened meetings to explore policies around XR, gaming systems and consumer electronics
- Advised & managed team interns, focusing on bolstering Python skills and developing sentiment analysis of AI policy documents

Consultant/Analyst/Advisor

Aug 2019 - Present

- **National Security Innovation Network**: Advise startup founders on application of optimization algorithms to resolve eCommerce supply chain issues
- **EL Labs**: Play integral role in evaluating and coding data, assessing AI law and policy and offering high-level guidance for organizational success and growth
- **Internet Law & Policy Foundry**: Integrated long-term organizational strategic vision into website redesign and outreach to relevant organizations
- **Wikistrat**: Contributed expertise in technology and foresight for the [future of mining](#)

Deputy Curator/State of the Net Fellow

Nov 2021 - Feb 2022

#### Internet Education Foundation

- Assisted in planning [State of the Net](#) conference, working closely with [Tim Lordan](#), Internet Education Foundation Executive Director
- Conducted research on state of affairs for issues of content moderation, antitrust policy and rural broadband to provide context for panelists
- Served as point of contact for several high-profile speakers from US House of Representatives, Senate, White House Office of Science and Technology Policy & several executive agencies
- Wrote copy for invitation letters, marketing materials and panel descriptions

Data & Policy Analyst

Sep 2017 - Jul 2018

#### Start-Up Nation Central

- Investigated emergent stealth sectors in Israel and published an [article](#) highlighting startups in groundbreaking fields not known to the general public
- Collaborated with [Israel Internet Association](#) and other technology stakeholders to explore the impact of [Internet of Things](#) on the semiconductor, manufacturing and consumer appliance sectors
- Conducted complex market research analysis to determine which Israeli multinational corporations are best positioned to outcompete startups for engineering talent
- Used [R](#) to reduce time required to gather data from the [Finder database](#) of Israeli startups and analyze/visualize data by 50%

Data Analyst

Sep 2016 - Aug 2017

#### Office of Innovation, Baltimore City Department of Social Services

- Developed several report solutions involving information filtering and graphing, reducing the time taken for reporting from over 30 hours/week to 5 minutes/week
- Constructed web dashboards using [Shiny](#) to display clear visualizations
- Instructed colleagues how to program in [R](#), using packages such as [ggplot2](#) and the [tidyverse](#)
- Developed governance strategy to help determine necessity of precise data and strategy for collection and analysis

Innovation Specialist

Apr 2015 - Dec 2015

#### Office of Information Integrity and Access, U.S. General Services Administration

- Composed policy memos detailing processes to purchase web security certificates and ensure web/usability compliance across all government agencies
- Project managed the development of [Digital Dashboard](#) (formerly Pulse), a website dedicated to tracking agency compliance on federal standards for security, usability and data collection
- Developed analytics software and practices to more efficiently develop metrics and graphs to determine the most crucial and often-viewed webpages
- Collaborated with developers and other stakeholders from other governments agencies to provide support and develop timeframes for ensuring necessary upgrades to webpages

### Education

### Talks & Presentations



Predicting the Future(s) (May 2017)



Panel on Network Neutrality (July 2016)



Internet and Its Governance (July 2014)



Social Innovation Pitch (April 2014)



Video Art in LittleBigPlanet (July 2016)

MS, Engineering and Public Policy

May 2020 - May 2022

### Carnegie Mellon University

- Research focused on connected vehicles, satellite broadband and economic valuation of data
- Organizer for [STGlobal](#) (student-run science policy conference) - Organized [webinar](#) on public interest technology, assessed abstracts, selected keynote speaker [Sky Gross](#), moderated panels on [foresight in science and technology](#) and [Engineers and Scientists Acting Locally](#)
- Selected to participate in Advancing Mission-Oriented Innovation Policy summer school, run by [European Forum for Studies of Policies for Research and Innovation](#)
- Selected speaker at events run by [Journal of Science Policy & Governance](#) and [Science Talk](#)

MA, Communication, Culture & Technology

Aug 2011 - Aug 2013

### Georgetown University

Reviewer, [gnovis journal](#)

BS, Computer Science

Aug 2005 - May 2009

### Dickinson College

## Research & Publications

- [The Need for Speed – Gauging Required Speeds for Broadband Buildout](#). Bipartisan Policy Center.
- [Explainer: Impact Assessments for Artificial Intelligence](#). Bipartisan Policy Center. (2022)
- [Six Takeaways from Experts on AI Impact Assessments](#). Bipartisan Policy Center. (2022)
- [\\$65 Billion Buildout: Will All Americans Get Online?](#). Bipartisan Policy Center. (2022)
- [Current Privacy Actions Across States, Congress and Executive Branch](#). Bipartisan Policy Center. (2022)
- [BPC Response to NIST on Artificial Intelligence Risk](#). Bipartisan Policy Center. (2022)
- [Artificial Intelligence Policy and the European Union](#). Bipartisan Policy Center. (2022)
- [Ensuring Social Impact at Every Stage of Technology Research & Development](#). The Journal of Science Policy & Governance, 18(3). (2021)
- [Masters Thesis](#) focused on policy processes of National Information Infrastructure
- [The Swartz Legacy: The Input of Technologists in a Technological World](#). The Journal of Science Policy & Governance, 4(1). (2014)
- [Key Players in the Stop Online Piracy Act and PROTECT-IP Act](#). [gnovis](#), 13(1). (2012)
- [The Teaching of Immunology Using Educational: Gaming Paradigms](#). Proceedings of the 47th Annual Southeast Regional Conference on - ACM-SE 47, ACM Press, 2009, p. 1.

## Honors & Awards

- [Center for AI and Digital Policy Clinic](#) Fellow (September 2023) - Selected to participate in course on up-to-the-minute AI policy news and contribute to current research on policy activities
- [Shafik Gabr Fellowship](#) (October 2022) - Selected as one of ten American participants for US-Egypt cultural exchange program. Collaborated with Egyptian fellows on action projects to improve dialogue and communication between the two countries
- [Journal of Science Policy and Governance](#) Endless Frontier paper competition (August 2021) - Placed third in competition soliciting ideas for the future of science policy with paper on the social impact of science research
- [Georgia Tech graduate paper competition](#) (January 2020) - Tied for third place with literature review exploring the social impact of science research
- [Medium-curated interview](#) (March 2020) - Interview on foresight/futures studies was curated by Medium in their "future" and "business" sections
- [Next Generation Leaders](#) Fellow of Internet Society (July 2018) - Selected as a moderator of eLearning course in Internet governance, after previously taking the course in 2012
- [Israel Government Fellowship](#) Fellow (September 2017 - July 2018) - Accepted to Masa-sponsored Israeli fellowship combining work in government with Hebrew lessons, lectures on Israeli history and culture, and trips around the country. Awarded Helyn B. Reich scholarship to assist with costs, and selected for Birthright Israel Fellowship to lead future Birthright trips
- [Baltimore Corps Fellow](#) (September 2016 - August 2017) - Participated in training to better promote racial equity, connected with stakeholders throughout the city, and served as an advocate for the organization's mission
- [Center for Applied Rationality](#) (February 2016) - Attended workshop to provide more understanding and control over personal decisions and behavior. Learned how to overcome ineffective heuristics and biases in personal judgments and analyses
- [Israel Tech Challenge Experience](#) (December 2014) - Selected to travel to Israel and participate in software development, meet leaders in Israeli tech and explore the startup community
- [PresenTense Fellow](#) (January 2014) - Worked with the PresenTense Group, the [Jewish Federation of Greater Washington](#) and local Jewish professionals to develop a social venture. Learned business and organizational skills for social impact

## Skills

### Research

Agent-Based Modeling, Futurism, Interviewing, Python, R, Social Network Analysis, Statistics, Survey Design

### Leadership, Communications & Advising

Cross-Cultural Competence, Emotional Intelligence, Public Speaking, Stakeholder Management, Team-Building, Writing

### Technology Policy

Artificial Intelligence, Broadband, Internet Governance, Knowledge Management, Innovation Systems, Wireless Spectrum

### Design

Graphic Design, Image Editing, User Interface/Experience

## Professional Societies

- [American Association for the Advancement of Science](#)
- [Association of Computing Machinery](#)
- [TheBridge](#)
- [Internet Law & Policy Foundry](#)
- [Internet Society](#)
- [National Science Policy Network](#)
- [Royal Society of Arts](#)
- [Young Professionals in Foreign Policy](#)

