GAP SOLUTIONS
a System One company

Submitted to Amentum for ARPA-H STATS

NAME	JOB TITLE	PWS Tasks
Jeremy Pesner	ITDI - Intermediate Policy Analyst	7.1.2, 7.1.10, 7.1.16

Job Responsibility	Qualifying Skills
Policy Development & Compliance: Draft policies, guidance, and regulatory frameworks for AI, cybersecurity, and government IT initiatives.	· Developed and implemented AI and cybersecurity policies at the U.S. House of Representatives, Bipartisan Policy Center, and Department of Commerce. · Authored policy briefing documents and reports on AI risk assessments, cybersecurity strategies, and broadband governance. · Collaborated with Congress, think tanks, and regulatory agencies on AI and cybersecurity policies to align with federal guidelines.
AI & Cybersecurity Policy Strategy: Develop AI and cybersecurity-related policies tailored for federal government applications.	· Led AI governance training sessions for policymakers, government agencies, and private sector stakeholders. · Analyzed AI risks and cybersecurity threats to inform federal regulatory compliance and policy recommendations. · Developed AI risk assessment methodologies and ethical AI governance strategies for federal and state agencies.
Stakeholder Engagement & Policy Implementation: Work with federal agencies and policymakers to align AI and cybersecurity policies with national regulatory standards.	· Worked with policymakers, industry experts, and federal agencies to shape AI and cybersecurity policies. · Facilitated cross-agency collaborations between DHS, HHS, and private sector partners on cybersecurity risk management. · Managed stakeholder engagement strategies for AI policy implementation, ensuring regulatory compliance and best practices.

Education

Master of Science in Engineering and Public Policy
Carnegie Mellon University, Pittsburgh, PA   **May 2022**

Master of Arts in Communication, Culture & Technology
Georgetown University, Washington, DC   **Aug 2013**

Bachelor of Science in Computer Science
Dickinson College, Carlisle, PA   **May 2009**

Experience

Jeremy Pesner Consulting   **Aug 2019 – Present**
Analyst & Advisor, Freelancer

· Next G Alliance Societal and Economic Needs Working Group - Contributing member to multistakeholder consortium for current and next generations of broadband. Actively involved in white papers, policy memos and strategy-setting to raise the group's profile and influence
· National Security Innovation Network - Advise startup founders on go-to-market strategies for businesses revolving around national security, information technology & biotechnology
· Wikistrat - Contributed expertise in technology and foresight for the future of mining

- Technologists for the Public Good - Selected as mentor in inaugural mentorship program to provide advice and support to rising leader in public interest technology
- Data Management Services Academy - Providing training to government and policy professionals on the future of AI and IT, with an emphasis on how this knowledge can be effectively integrated into management activities
- Alternative Planetary Futures Institute - Marketing concept of "planetary futures" to stakeholders to advance concept of how the policy community engages with possible futures

Bipartisan Policy Center, Washington, DC   **May 2022 - Dec 2023**
Senior Technology Policy Analyst, Full-time

- Collaboratively authored comprehensive policy analysis briefing documents to provide decision makers in Congress and elsewhere with new insights on AI, cybersecurity, privacy and broadband (see Publications section)
- Developed relationships and met with ~50 stakeholders to outline 2023 cyber risks, inform federal and state regulation, facilitate cross sector collaboration and influence government and corporate actions
- Engaged with outside stakeholders to explore policies and new business development around XR, gaming and consumer electronics
- Managed two staff in development of programming Python sentiment analysis of AI policy documents, leading to in-house tool used to guide assessment of different countries' opinions and feelings around AI

Internet Education Foundation, Washington, DC   **Nov 2021 - Feb 2022**
Deputy Curator/State of the Net Fellow, Contractor

- 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
- Moderated panel on new business opportunities in light of changing technology policies

Start-Up Nation Central, Tel Aviv, Israel   **Sep 2017 - Jul 2018**
Data & Policy Analyst, Contractor

- Investigated emerging stealth sectors in Israel and published article highlighting startups in groundbreaking fields not known to the 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 market research analysis to determine which multinational corporations are best positioned to outcompete startups for talent
- Used R to halve the time required to gather data from Finder database and analyze/visualize data
- Assisted startups with business development by connecting them to foreign governments and companies for partnership and investment

Maryland Department of Human Services, Baltimore, Maryland   **Sep 2016 - Aug 2017**
Data Analyst, Office of Innovation, Full-time

Developed scripts for repeated data analysis and reporting, reducing time taken for reporting from 30 hours/week to 5 minutes/week, Constructed web dashboards using Shiny to display clear visualizations

Developed governance strategy to help determine necessity of precise data and strategy for collection and analysis

Guided and taught colleagues how to program in R, providing assignments and clear feedback on their progress to assess their ongoing competency in the language and managing their growth as programmers

United States General Services Administration, Washington, DC   **Apr 2015 - Dec 2015**
Innovation Specialist, Full-time

Composed policy memos detailing how to purchase web security certificates and ensure usability compliance across all agencies

Project managed the development of Digital Dashboard, a website dedicated to tracking agency compliance on federal standards for security, usability and data collection

Developed analytics software and practices to 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

CERTIFICATIONS

Completed AI Policy Program with Distinction, Center for AI & Digital Policy, Dec 2023

PUBLICATIONS

Ensuring Social Impact at Every Stage of Technology Research & Development, Journal of Science Policy & Governance, Vol 18, Iss 3, Aug 2021

The Swartz Legacy: The Input of Technologists in a Technological World, Journal of Science Policy & Governance, Vol 4, Iss 1, Jan 2014

Key Players in the Stop Online Piracy Act and PROTECT-IP Act gnovis, Vol 13, Iss 1, Nov 2012

The Teaching of Immunology Using Educational Gaming Paradigms, Proceedings of the 47th Annual ACM Southeast Regional Conference, Apr 2009

What is a 'Neutral Network' Anyway? An Exploration of Net Neutrality, Hackers on Planet Earth, Jun 2016

Your Level-Building Tool is Our Sound Stage, Hackers on Planet Earth, Jul 2016

The Internet and Its Governance, Hackers on Planet Earth, Jul 2014

How to Predict the Future(s), TEDx Herndon, May 2017

Mobile News Meets Mobile Gaming, TEDx Fulbright

Explainers on Various Technology Policy Topics - Bipartisan Policy Center

· The Need for Speed – Gauging Required Speeds for Broadband Buildout - Nov 2022
· Explainer: Impact Assessments for Artificial Intelligence - Nov 2022
· Six Takeaways from Experts on AI Impact Assessments - Oct 2022
· $65 Billion Buildout: Will All Americans Get Online? - Oct 2022
· Current Privacy Actions Across States, Congress and Executive Branch - Oct 2022
· BPC Response to NIST on Artificial Intelligence Risk - Oct 2022
· Artificial Intelligence Policy and the European Union - Aug 2022
· Ensuring Social Impact at Every Stage of Technology Research & Development, Civic Science Media Lab, Aug 2024