

HAIMAN WONG

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EMERGING TECH POLICY STRATEGIST | DATA SCIENTIST | CYBERSECURITY SPECIALIST

AI and cybersecurity policy strategist with experience spanning cybersecurity incident response, policy analysis, mixed methods research, data science, and cross-sector communications. Delivers data-driven insights and interdisciplinary analysis across federal, private, and academic domains – translating complex technological concepts into strategic, mission-aligned solutions.

RELEVANT PROFESSIONAL EXPERIENCE

R Street Institute, Remote

Nov 2023-Present

Resident Fellow, Cybersecurity and Emerging Threats (CSET)

- Serve as a subject-matter expert supporting cross-functional research development, stakeholder engagement, and business development initiatives across cybersecurity and emerging technologies.
- Co-lead a 9-month policy working group on AI and cybersecurity with cross-sector participation from 15 federal, academic, and industry experts.
- Conduct independent research and policy analysis on the intersection of cybersecurity and emerging technologies – producing policy studies, regulatory comments, explainers, and public-facing content on topics including open source AI, AI agents, edge computing, connected vehicles, and federal cyber legislation, among others. Flagship publications consistently rank among R Street's top 10 most-read policy products each month.

American University Internet Governance Lab, Remote

Apr 2022-Present

Senior Research Associate (NLP, Cybersecurity, and Emerging Technologies Specialization)

- Recruited to co-chair the 2025 mini-track on AI and cybersecurity through advanced text analytics, serving as the subject matter expert for research on AI systems, cyber risk, and applied policy strategy. Oversaw submissions relevant to infrastructure resilience, regulatory frameworks, and threat modeling. Also co-led a technical tutorial on applying NLP techniques and generative AI tools to analyze real-world datasets – including RFI responses that shaped the NIST AI Risk Management Framework. Data techniques from the session are now being adapted for regulatory and AI policy evaluation use cases.
- Collaborated with Oxford Information Labs and the DNS Research Foundation to research and co-author an evidence-based policy paper on the Uniform Domain Dispute Resolution Policy (UDRP), using computational text mining techniques to analyze 75,590 global disputes spanning 23 years.
- Served as a peer reviewer for the 2023, 2024, and 2025 HICSS conferences, evaluating research submissions on AI security, cybersecurity policy, and international digital standards.

Northern Trust, Remote

Jun 2021-Mar 2023

Data Science, Associate, Officer (Oct 2022-Mar 2023)

- Leveraged natural language processing (NLP) techniques to transform over 1.5 million collected cybersecurity logs into actionable insights for enhanced and automated global cybersecurity incident response.
- Earned a promotion from Non-Officer, Associate to Officer, Associate based on my demonstrated adaptability, quick learning, and initiative.
- Facilitated weekly cross-functional working sessions with Microsoft AI, cybersecurity, data, research, and engineering teams across six global time zones – strengthening collaboration and alignment between enterprise security operations and cutting-edge technical expertise.

Cyber Threat Intelligence, Associate, Non-Officer (Jun 2022-Oct 2022)

- Advised the C-Suite team on cyber risks from nation-state and criminal threat actors, translating operational intelligence into forward-looking daily briefings that informed executive decisions and protected high-value financial assets.
- Developed and supervised a comprehensive training program for 5 cyber threat intelligence senior associates, team leads, and principals across the APAC, EMEA, and America regions.
- Led, managed, and fulfilled over 200 Requests for Information (RFIs) across Northern Trust's technology teams placed around the world.

Cyber Threat Intelligence, Analyst, Non-Officer (Jun 2021-Jun 2022)

- Researched, analyzed, drafted, and presented over 150 cyber threat intelligence briefings, which centered on translating technical cybersecurity details and risks posed by emerging technologies to non-technical stakeholders across the globe.
- Built and managed strategic relationships with 4 industry intelligence-sharing partners and 3 intelligence vendors throughout the vendor procurement lifecycle.
- Achieved a two-step promotion from Non-Officer, Analyst to Non-Officer, Associate, a testament to my initiative, problem-solving skills, and commitment to crafting and enhancing operational processes.

Conquest Cyber, Remote

Jul 2020-Feb 2021

Cyber Risk and Intelligence Analyst

- Orchestrated a company-wide project to synchronize due diligence and operational excellence initiatives across four office locations across the Eastern United States.
- Designed and led cyber-threat intelligence training for a 12-member Digital Transformation (DTX) intern cohort.
- Crafted and presented monthly and quarterly Client Service Reviews (CSRs) for over 15 distinct client organizations.

EDUCATION

Purdue University, Polytechnic Institute, West Lafayette, IN

Doctor of Technology

Concentrations: Technology Leadership & Innovation; Cybersecurity & Emerging Technologies; Algorithmic Governance

Honors: 4.0 GPA

American University, College of Arts and Sciences (CAS), Washington, D.C.

Master of Science in Data Science

Concentration: Cybersecurity

Honors: 3.96 GPA

American University, School of Public Affairs (SPA), Washington, D.C.

Bachelor of Arts in Interdisciplinary Studies: Communications, Legal Institutions, Economics, and Government

Honors: 3.91 GPA (Summa Cum Laude); Pi Sigma Alpha (National Political Science Honor Society); Alpha Phi Sigma (Criminal Justice Honor Society); Politics, Policy, and Law Three-Year Scholar (1 of 25 admitted students); School of Public Affairs (SPA) Leadership Program (1 of 40 admitted students)

ADDITIONAL INFORMATION

- **Technical Skills:** Python; R; Natural Language Processing (spaCy, NLTK, BERT, etc.); Machine Learning (Supervised & Unsupervised); Microsoft Azure (Sentinel, Synapse, ML Studio); Kibana; Elastic; and Demisto.
- **Selected Recent Publications and Commentary** (*full publication list available upon request*):
 - Wong, H. (2026). "I've Been Scammed, Now What?: Inside the Growing Crisis Facing Everyday Americans", *American Affairs Journal*.
<https://americanaffairsjournal.org/2026/02/ive-been-scammed-now-what-the-growing-crisis-facing-everyday-americans>.
 - Wong, H. (2025). "Cyber and National Security Implications of America's AI Action Plan", R Street Institute.
<https://www.rstreet.org/commentary/cyber-and-national-security-implications-of-americas-ai-action-plan>.
 - Wong, H. (2025). "The Rise of AI Agents: Anticipating Cybersecurity Opportunities, Risks, and the Next Frontier," R Street Institute. <https://www.rstreet.org/research/the-rise-of-ai-agents-anticipating-cybersecurity-opportunities-risks-and-the-next-frontier>.
 - Wong, H. (2025). "Comments of the R Street Institute in Request for Information on the Development of a 2025 National Artificial Intelligence (AI) Research and Development (R&D) Strategic Plan," R Street Institute.
<https://www.rstreet.org/outreach/comments-of-the-r-street-institute-in-request-for-information-on-the-development-of-a-2025-national-artificial-intelligence-ai-research-and-development-rd-strategic-plan>.
 - Wong, H. & Melear, C. (2025). "Protecting Americans from Fraudsters and Scammers in the Age of AI," R Street Institute.
<https://www.rstreet.org/commentary/protecting-americans-from-fraudsters-and-scammers-in-the-age-of-ai>.
 - Wong, H. (2025). "Mapping the Open-Source AI Debate: Cybersecurity Implications and Policy Priorities," R Street Institute. <https://www.rstreet.org/research/mapping-the-open-source-ai-debate-cybersecurity-implications-and-policy-priorities>.
 - Wong, H. & Pugh, B. (2025). "Key Cybersecurity and AI Policy Priorities for Trump's Second Administration and the 119th Congress," R Street Institute. <https://www.rstreet.org/research/key-cybersecurity-and-ai-policy-priorities-for-trumps-second-administration-and-the-119th-congress>.