Dr. Noam Kantor

-Mathematician; Marshall Scholar, Oxford University
-FTC Technologist + TechCongress Scholar
-Tech Policy at Senate Commerce Committee + Mozilla

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With deep quantitative, policy, and legislative skills, I am a valuable addition to any team working on subjects such as consumer protection, AI regulation, product safety, digital privacy, civil rights online, and digital platform regulation. In addition, I bring a passion for sharing technical knowledge with an accessible and open demeanor.

EDUCATION

JOINT BS AND MS IN MATHEMATICS, HIGHEST HONORS; ROBERT W. WOODRUFF SCHOLAR: Emory University, 2013 – 2017

DOCTORATE IN MATHEMATICS AS MARSHALL SCHOLAR: Oxford University (Oriel College), 2017-2020

ACADEMIC AWARDS: Phi Beta Kappa; Beardslee Prize for Writing in the Religion Department, Emory University; Barry Goldwater Scholar (STEM Excellence)

SKILLS AND EXPERIENCE

AGENCY TECHNOLOGIST:

Technologist in Residence, Office of Technology, Federal Trade Commission

(January 2024 –)

- **Worked closely with case team attorneys** to formulate subpoenas, work through case theories from a technical perspective, and analyze evidence. In this role, I participated in investigational hearings, attended meetings with opposing attorneys, and more.
    - Notably, I raised two case opportunities that turned into investigations in the Division of Privacy and Identity Protection. In another investigation, I uncovered evidence of potential wrongdoing related to algorithmic harms.
- **Led drafting of multiple blogs and public-facing reports,** including reports on building agency technologist expertise and major report on AI investments and partnerships.
- **Briefed office and agency leadership on key technical and enforcement issues,** and provided technical assistance to Congressional staff on bills relating to privacy, children's safety, and more.
- Spearheaded some of the Office of **Technology's internal and external network-building efforts**, including an internal Tech Town Hall, an event at Georgetown about maximizing research impact, and an external civil society roundtable.

LEGISLATIVE AFFAIRS (SPECIALTY IN TECHNOLOGY POLICY):

Senior Public Policy and Government Relations Analyst, Mozilla Corporation (May 2023 – January 2024)

- Worked across Mozilla – including with the policy and legal teams, software engineering, Mozilla Foundation advocacy teams, and privacy researchers – to develop and advocate for public policy that keeps the internet healthy.
- US Policy workstream highlights:
  - **Led drafting of a number of regulatory filings,** including filings on the FTC's [Health Breach Notification Rule](#) and Rule on Use of Consumer Reviews and Testimonials.
  - Created two **brand new policy workstreams** at Mozilla on the [Foreign Intelligence Surveillance Act](#) and State privacy legislation.
  - Helped develop Mozilla's US policy positions on trustworthy AI and Open Source.
  - Briefed and **engaged with senior stakeholders**, including the Mozilla Foundation President and Mozilla's VP of Global Policy, on high-profile policy issues.
- Global Product Policy workstream highlights:
  - Engaged in **coalition-based encryption advocacy**, including organizing and moderating a [virtual panel](#) on encryption outside of messaging that drew hundreds of viewers.
  - Delivered an extensively researched [position paper](#) on the "fair share" telecommunication network fees debate.

Professional Staff, Senate Commerce Committee (April 2021 – March 2023); TechCongress Congressional Innovation Scholar (June 2020 – April 2021), Senate Commerce Committee (Democratic staff) under Sen. Maria Cantwell.

- Legislative highlights:
  - Engaged in long-term policy making on **federal privacy legislation** and FTC reform, including being in the room during major negotiations on privacy legislation and "owning" several privacy issue areas on my team, including **digital discrimination** and **algorithmic impact assessment** provisions.
  - Helped pass the Minority Business Development Act of 2021 into law, which permanently authorized the Minority Business Development Agency.
  - Played a pivotal role in policymaking surrounding **College Athlete Rights.** Advised on antitrust, administrative law, and healthcare in sports; proposed innovative policy solutions in these areas.
  - Personally proposed a **$3.6 billion** consumer protection revenue measure ("FTC first-time civil penalties") which was subsequently pushed forward by my team and I. This provision passed the House in Build Back Better.

- Oversight accomplishment highlights:
  - Contributed heavily to an extended committee [report on the desperate state of local news](#) and unfair practices by digital platforms; the report was a key part of a global regulatory blitz **after which Google decommissioned its monopolistic "Accelerated Mobile Pages" feature and committed $1 billion globally** to support newsrooms;
  - Led efforts to join oversight on [consumer protection](#) and [misinformation](#) during a critical moment of democratic vulnerability, and **personally initiated the first Congressional letter** to tech companies about [COVID vaccine misinformation](#);
  - Wrote memos, questions and statements for Sen. Cantwell for dozens of hearings on consumer protection, competition, and misinformation, including **hearings with Facebook, Google, and Twitter CEOs.**

DATA SCIENCE: Machine Learning and data science projects, **Civic Digital Fellow (Summer 2019)**

As a Summer 2019 Civic Digital Fellow in the **U.S. Census Bureau**, I was the primary researcher on a project that was referred to as **"mission-critical"** by division leaders. The project **tracked potential illicit access of IRS and Census data** using ideas from infectious disease modeling and natural language processing. [View GitHub repository here.](#)

Programming experience: Python, SQL, HTML, CSS, and Java. Coursework: Data Science, Networks, and Machine Learning.

MATHEMATICAL RESEARCH: Oxford (2017-2020), Emory (2016-2017) University of Chicago (Summer 2016), Wake Forest (Summer 2015)

- **Developed new mathematical concepts in topology and number theory** at top-tier programs ranging from the University of Chicago to Oxford. Executed complex research plans in uncharted territory.
- Highlights: Expository papers on theoretical math ([view here](#)), and **published research** in top-tier journal ([view here](#)).
- [My doctoral thesis](#) consisted of **150 pages of original mathematics** combining two threads of research in number theory.

TEACHING: Emory University (2017), Oxford University (2017-2020)

Highlights: **Primary lecturer for graduate seminar**, Non-Abelian Chabauty and Higher Obstruction Graduate Seminar ([notes](#)); **frequent department seminars given** at Emory and Oxford. TA at Oxford; mathematics tutor for Cambridge Coaching. Overall, around two dozen students taught.

These experiences sharpened my ability to clearly explain technical subjects to a broad spectrum of stakeholders.