

RYAN MCKENNEY

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EDUCATION

Vanderbilt University Law School, Nashville, TN

Doctor of Jurisprudence (Dean's Scholar); *Vanderbilt Law Review*, Symposium Editor

May 2019

Vanderbilt University, Nashville, TN

Bachelor of Arts *cum laude*, Political Science with honors in the College of Arts and Science

Dean's List Fall 2011-Fall 2014; Most Outstanding Senior; Ingram Scholar (Full-tuition Scholarship)

May 2015

EXPERIENCE

Quantinuum Washington, DC

2023-Present

General Counsel of Compliance and Director of Government Relations

Lead legal compliance efforts regarding policies, procedures, and regulatory matters concerning sales, cybersecurity, export control, and human relations matters. Direct government relations operations and strategy with lobbyists, consultants, and policymakers related to federal quantum technology funding and regulatory frameworks.

Loyola Law School Los Angeles, CA

2022-Present

Adjunct Professor of Law

Teach two courses: (i) "Privacy & Technology" and (ii) "Regulation of AI and Quantum Technology".

Vanderbilt Law School Nashville, TN

2024-Present

Adjunct Professor of Law

Teach two courses: (i) "Cross-Border Regulation of Artificial Intelligence: Current Frameworks and Future Governance Models" and (ii) "Legal and Ethical Implications of Quantum Technology".

Orrick LLP Washington, DC

2021-2023

Cyber, Privacy, and Data Innovation Associate

Advised clients on a broad range of U.S. and European data privacy and cybersecurity issues, including emerging issues surrounding the California Consumer Privacy Act (CCPA), the General Data Protection Regulation (GDPR) and the e-Privacy Directive. Engaged in comprehensive global privacy and cybersecurity assessments and evaluated privacy and security risks in corporate transactions. Drafted and negotiated data-related vendor and arrangement contracts, contract clauses, privacy policies, website terms and conditions, and data processing agreements. Counseled clients concerning privacy and security issues in corporate transactions as well as emerging regulatory issues related to artificial intelligence (AI) and quantum computing.

Milbank LLP New York, NY

2019-2021

Litigation Associate (Summer Associate 2018)

Handled a wide variety of complex commercial litigation matters, including second-chairing 10 depositions, managing the discovery process in numerous matters, and drafting summary judgment motions and mediation statements. Authored a privacy toolbox for the CCPA and worked with clients to build compliance programs for the CCPA; authored an article on law and quantum computing published in Law360. Rotated through the Litigation, Corporate, and Transportation & Space practice groups as a summer associate.

LEADERSHIP AND INVOLVEMENT

Quantum Economic Development Consortium, Quantum Law Technical Advisory Committee, *Co-founder and Chair*

2020-Present

Canvassed a group of 60 plus lawyers working in the quantum technologies industry; planning workshops, trainings, and CLE for law and quantum issues; liaising with government officials regarding quantum technology policy decisions; drafting precedential documents and whitepapers.

Wharton School of the University of Pennsylvania Online, Philadelphia, PA

June 2020

Certificate for Artificial Intelligence for Business

Four-week online course on the fundamentals of Big Data, Artificial Intelligence, and Machine Learning and their applicability to organizational strategy. Focused on the ethics and risks behind using AI, and governance frameworks for proper implementation.

Massachusetts Institute of Technology Online, Cambridge, MA

November 2020 and May 2022

Certificates for the Fundamentals of Quantum Computing and Blockchain: Disruptive Technology

Eight-week online programs including (i) introduction to quantum computing and quantum computing algorithms for cybersecurity, chemistry and optimization and (ii) fundamentals of Blockchain technology and its practical applications across industries.

BAR ADMISSIONS & CERTIFICATIONS

- New York (2020), California (2021, currently inactive), Washington, DC (2022)
- Certified Information Privacy Professional (CIPP/US) and EU (GDPR) certifications (2020)

PRESENTATIONS AND PUBLICATIONS

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| "CSIS Commission on U.S. Quantum Leadership" | 2025 |
| <ul style="list-style-type: none"> • Served as a Commissioner and Co-author of the Center for Strategic and International Studies report that was delivered to U.S. policymakers and the White House; https://www.csis.org/analysis/csis-commission-us-quantum-leadership | |
| "Zero Trust, Quantum Computing, and AI" | 2025 |
| <ul style="list-style-type: none"> • Presented at the NextGov Zero Trust Workshop, February 2025, Washington, D.C. | |
| "CMMC May Address Today's Cyber Concerns But Can It Address Future Threats?" | 2024 |
| <ul style="list-style-type: none"> • Washington Technology, December 2024, https://www.washingtontechnology.com/opinion/2024/12/cmmc-may-address-todays-cyber-concerns-can-it-address-future-threats/401682/ | |
| "Building a Pro-Innovation Regulatory Framework for Quantum Computing" | 2024 |
| <ul style="list-style-type: none"> • Presented at the Quantum World Congress, September 2024, Reston, VA. | |
| "Policymaking in the Emerging Quantum and AI Landscape" | 2024 |
| <ul style="list-style-type: none"> • Presented at the Quantum World Congress, September 2024, Reston, VA. | |
| "An Industry Perspective on Quantum and Law" | 2024 |
| <ul style="list-style-type: none"> • Presented at the Stanford Responsible Quantum Technology Conference, May 2024, Palo Alto, CA. | |
| "Preparing Critical Infrastructure for a Post-Quantum Computing World" | 2024 |
| <ul style="list-style-type: none"> • Presented to 300 participants at the ABA Public Contract Law Yearly Meeting, March 2024, Annapolis, MD | |
| "Security in the Impending Age of Quantum Computers" | 2023 |
| <ul style="list-style-type: none"> • Help New Security, November 2023, https://www.helpnetsecurity.com/2023/11/09/quantum-computers-security/ | |
| "Quantum Computing: National and Economic Security Considerations" | 2023 |
| <ul style="list-style-type: none"> • Presented at the Parliamentary Intelligence Security Forum, December 2023, Washington DC. | |
| "Quantum Law, Current Landscape, and Coming Standards" | 2023 |
| <ul style="list-style-type: none"> • Presented at the Quantum World Congress, September 2023, Washington, D.C. | |
| "From the Capitol to the Lab: How Industry and Academia can Leverage National Policy for Funding of Quantum Information Science" | 2023 |
| <ul style="list-style-type: none"> • Presented at the IEEE International Conference on Quantum Computing and Engineering. | |
| "Building a Quantum Safe Organization: Legal Perspectives" | 2022 |
| <ul style="list-style-type: none"> • Presented at the "Building a Quantum Safe Organization" Webinar hosted by QED-C and the Society for Information Management. • Presented at the Inside Quantum Technology Conference and the Quantum World Congress. | |
| "Designing an Entangled Regulatory Framework for the Quantum Internet: Necessary First Steps" | 2022 |
| <ul style="list-style-type: none"> • Presented at the Yale Information Society Project Conference on Quantum Technologies. | |
| "Quantum Computing: What Lawyers Need to Know about the Emerging Technology". | 2022 |
| <ul style="list-style-type: none"> • Webinar presented to over 350 lawyers through the Practicing Law Institute. | |
| "Building a Legal and Ethical Framework for Quantum Technologies". | 2022 |
| <ul style="list-style-type: none"> • Presented at the Legal Dimensions of Quantum Computing Conference, April 2022, Lund, Sweden. | |
| "Readying Cybersecurity Protocols for the Quantum Age" | 2022 |
| <ul style="list-style-type: none"> • Law 360, Ryan McKenney, June 2022, https://www.law360.com/articles/1498443/readying-cybersecurity-protocols-for-the-quantum-age | |
| "What to Expect in the Emerging Age of Quantum Computing" | 2020 |
| <ul style="list-style-type: none"> • Law 360, Ryan McKenney and Nicholas Smith, April 2020, https://www.milbank.com/images/content/1/3/v2/131241/What-To-Expect-In-The-Emerging-Age-Of-Quantum-Computing.pdf | |