

Mya Zylberberg

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PROFESSIONAL SUMMARY

Professional representative in Digital Forensics & Cybersecurity with hands-on experience in IT operations, cybersecurity projects, and compliance-focused research. Skilled in risk assessment, policy analysis, and IT governance frameworks. Strong foundation in digital forensics, incident response, and data analysis, with proven ability to support organizational compliance and technology initiatives.

Recognized for strong interpersonal, communication, and negotiation skills, with a passion for continuous learning and emerging technologies.

TECHNICAL & CYBERSECURITY EXPERIENCE

UniqueITPro

Albany, NY

Information Technology Technician Intern

June 2025 – Present

- Assist clients with IT issues remotely through Connect Wise Screen Connect
- Performs health checks and network monitoring through - Threatlocker, Barracuda, NodeWare
- Utilize Microsoft Azure cloud computing platform to provide services and onboard new clients

SHRED Foundation

Albany, NY

Information Technology & Program Coordinator

August 2023 – August 2025

- Collaborated with IT support team to escalate and resolve technical issues, ensuring compliance with internal IT processes
- Leveraged SQL to analyze and visualize data, supporting governance decisions and improving student registration by 31%
- Design snowboarding program curriculum and manage event logistics

Neuberger Berman

New York, NY

Technology Management Intern

May 2022 – August 2022

- Maintained and updated sprint schedules for cybersecurity projects, aligning deliverables with governance and compliance requirements.
- Shadowed & resolved IT firmwide issues and improved workflow efficiency
- Learned and shadowed in implementing VDI solutions to strengthen the firm's system security.
- Gained insight into portfolio management, IT, and cybersecurity divisions

International Business Machine (IBM)

Albany, NY

Business Operations Intern

June 2021 – August 2021

- Analyzed workforce composition data to inform compliance with post-COVID operational guidelines, ensuring equitable and secure workplace policies.
- Proposed data-driven initiatives, including on-site childcare and integrated mental health programs, to support IBM's goals for a supportive, efficient return-to-office environment.

CYBERSECURITY & INFORMATION TECHNOLOGY SKILLS

Governance & Compliance:

Regulatory Frameworks (HIPAA, NIST, ISO, GDPR), IT Governance & Compliance, Risk Management & Policy Analysis, Documentation & Reporting

Cybersecurity & Forensics:

Incident Response, Digital Forensics (Mobile, Multimedia, Registry, Computer), SQL Data Analysis, Autopsy, FTK Imager, EnCase, Cellebrite Reader, Belkasoft

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Technical Tools & Systems:

Kali Linux, Ubuntu, DEFT, CAINE, OpenSUSE, SQL, DCode, HashMyFiles, DIR2HTML, Virtualization (VirtualBox/VDI)

Certifications & Badges:

- Belkasoft Certified: Android Forensics
- Google Cybersecurity
- IBM: Enterprise Design Thinker & Data Science Foundations

TECHNOLOGY RESEARCH

University at Albany – Research Internship

Project: Using Generative AI to Support People with Disabilities

- Investigated how Large Language Models (LLMs) can personalize syllabus creation to meet needs of neurodiverse learners.
- Proposed an AI-integrated educational model emphasizing Universal Design for Learning (UDL), trauma-informed practices, and inclusive HCI systems.
- Researched and analyzed key differences between leading LLMs, including GPT-3.5, GPT-4, LLaMA, and PaLM.

University at Albany – AI Law & Governance Research

Project: State-Level Artificial Intelligence Legislation Analysis

- Analyzed 600+ U.S. state AI bills (2024), focusing on governance, algorithmic transparency, and compliance implications for emerging technology.
- Assessed legal frameworks like CA AB 2885, AB 2013, and TX TRAIGA
- Analyzed global political trends to forecast the future of AI law, with a focus on legal frameworks and regulatory developments.

University at Albany – Zero Trust Architecture Research

Project: Enhancing Cybersecurity in the Healthcare Industry

- Researched Zero Trust Architecture (ZTA) as a strategic solution to reduce internal threats in healthcare, the only industry where internal breaches surpass external ones.
- Proposed implementation of ZTA's "never trust, always verify" model to enforce stricter access controls across employee workstations.
- Identified Role-Based Access Control (RBAC), Multi-Factor Authentication (MFA), and the Principle of Least Privilege (PoLP) as key components to strengthen internal security and align with regulatory compliance and best practices.

EDUCATION

The University of Albany

Master of Science in Digital Forensics & Cybersecurity. 4.0/4.0

Honors: National Security Agency Scholarship, 2024 Outstanding Academic Achievement Award & 4x Great Dane Graduate Award

Albany, NY

May 2025

The University of Albany

Bachelor of Science in Digital Forensics

Honors: Dean's List, NY State STEM Scholarship, CSTEP/LSAMP, Dr. Seth Spellman, Jr. Senior Scholar

Albany, NY

May 2023

The State University of New York, Orange

Associate in Applied Sciences in Cyber Security

Honors: Phi Theta Kappa Honor Society, 6x Deans L

Newburgh, NY

May 2021