Mya Zylberberg, M.S

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PROFESSIONAL SUMMARY

IT Specialist and Digital Forensics professional with experience in IT operations, cybersecurity tools, and data analysis. Skilled in incident response, system monitoring, risk assessment, and compliance-focused research. Strong technical communicator with hands-on experience supporting organizational security and technology initiatives.

TECHNICAL SKILLS

Programming & Data: Python, SQL, R / RStudio, PowerShell, Data Cleaning & Visualization
Digital Forensics: Autopsy, FTK Imager, EnCase, Cellebrite Reader, Belkasoft, Volatility
Security & Platforms: Microsoft Azure, ConnectWise, ThreatLocker, Hornet Security, Barracuda, NodeWare
Operating Systems: Windows, macOS, Kali Linux, Ubuntu, DEFT, CAINE, OpenSUSE, Virtualization / VDI

CERTIFICATIONS

- IBM Data Science Foundations: Level 1
- Belkasoft: Android Forensics
- Google Cybersecurity
- CompTIA Security+

- CompTIA A+ - *In Progress (Feb 2026)*
- *ISC2 – Certified in Cybersecurity (June 2026)*
- ThreatLocker Certified CyberHero – *In Progress*

PROFESSIONAL EXPERIENCE

UniqueITPro   Albany, NY
Information Technology Specialist   May 2025 – Present
- Provide remote/on-site IT support, troubleshooting endpoints, accounts, and network issues across client environments
- Conduct proactive system health checks and network monitoring with ThreatLocker, Barracuda, and NodeWare
- Design and deliver client-facing security awareness guides translating technical controls and policies into actionable user behavior.

SHRED Foundation   Albany, NY
Program Data Analyst & Coordinator   August 2023 – August 2025
- Utilized SQL to query, clean, and analyze program participation data, identifying key trends that increased student registration rates by 31%
- Built data visualizations to communicate program insights and performance metrics to leadership, improving data-driven decision-making.
- Design snowboarding program curriculum ;partnered with stakeholders to deliver seasonal programming

Neuberger Berman   New York, NY
Infrastructure Technology Management Intern   June 2022 – August 2022
- Supported Agile SDLC delivery by maintaining sprint schedules and tracking dependencies for cybersecurity projects, aligning deliverables with governance and compliance requirements.
- Shadowed & resolved IT firmwide issues and improved workflow efficiency
- Assisted in solution evaluation and rollout of VDI infrastructure to strengthen the firm's security system.

IBM   Poughkeepsie, 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.

TECHNICAL LEADERSHIP & SERVICE

Siena University   Albany, New York
AmeriCorps VISTA Leader   August 2025 – Present
- Led and supported service members focused on expanding educational access, digital equity, and community capacity-building initiatives
- Coordinated data tracking, reporting, and outcome evaluation to support grant compliance and program effectiveness
- Collaborated with university staff and community partners to strengthen technology access, training, and organizational sustainability

Local Union 3, IBEW   New York, New York
Technology Chairperson, AASW   August 2022 - Present
- Developed comprehensive technology guides and educational presentations to teach union members and families about emerging technologies, increasing community digital literacy and engagement.
- Created and managed digital communication platforms to facilitate alumni networking and information sharing, improving community participation and message reach.
- Delivered in-person and virtual training sessions on cybersecurity best practices, digital safety, and productivity tools, enhancing

TECHNOLOGY RESEARCH

University at Albany – Research Internships

Using Generative AI to Support People with Disabilities
- Researched how Large Language Models (LLMs) can personalize educational content for neurodiverse learners using Universal Design for Learning (UDL) and inclusive HCI frameworks.
- Evaluated model performance and accessibility considerations across GPT-3.5, GPT-4, LLaMA, and PaLM.

State-Level Artificial Intelligence Legislation Analysis
- Analyzed 600+ U.S. state AI bills (2024) to assess trends in governance, algorithmic transparency, and regulatory compliance.
- Evaluated emerging AI legal frameworks including CA AB 2885, AB 2013, and TX TRAIGA to forecast policy and compliance implications.

Enhancing Cybersecurity in the Healthcare Industry
- Researched Zero Trust Architecture (ZTA) as a strategy to reduce internal cybersecurity threats in healthcare environments.
- Identified RBAC, MFA, and Principle of Least Privilege (PoLP) as key controls to strengthen access management and regulatory alignment.

EDUCATION

The State University of New York, Albany   Albany, NY
Master of Science in Digital Forensics & Cybersecurity. 4.0/4.0   May 2025
Graduate Certificate in Information Security   May 2025
  Honors: National Security Agency Scholarship, 2024 Outstanding Academic Achievement Award & 4x Great Dane Graduate Award

The State University of New York, Albany   Albany, NY
Bachelor of Science in Digital Forensics   May 2023
  Honors: Dean's List, NY State STEM Scholarship, CSTEP/LSAMP, Dr. Seth Spellman, Jr. Senior Scholar

The State University of New York, Orange   Newburgh, NY
Associate in Applied Sciences in Cyber Security   May 2021
  Honors: Phi Theta Kappa Honor Society, 6x Deans List