

# Kevin Cleary, CISSP

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## ACADEMIC EXPERIENCE

University at Buffalo School of Management, The State University of New York, Buffalo, NY

### **Clinical Assistant Professor, 8/22 - Present**

- Demonstrate excellence in teaching and mentoring students in clinical settings.
- Develop and delivered engaging lectures, seminars, and workshops for undergraduate and graduate students.
- Create and implement innovative instructional strategies to enhance student learning and engagement.
- Supervise and evaluate student performance, providing constructive feedback and guidance.
- Design and update curriculum materials to reflect current best practices in the field.
- Collaborate with colleagues on research projects and grant applications.
- Actively participate in departmental meetings, committees, and academic events.
- Provide clinical expertise and support to interdisciplinary teams, focusing on areas such as information security and cyberinfrastructure management.
- Demonstrate proficiency in utilizing technology and digital tools to enhance teaching and learning experiences.
- Establish and maintained strong relationships with industry practitioners.
- Contribute to the development and assessment of program goals and outcomes.
- Mentor students in research projects, fostering their professional growth and development.
- Participate in professional development activities to stay abreast of advancements in the field.
- Receive positive evaluations from students, colleagues, and supervisors for teaching effectiveness and professionalism.

### **Program Director, Masters in Management Information Systems, 8/22 - Present**

- Successfully lead graduate-level Management Information Systems (MIS) program, ensuring its alignment with institutional goals and industry standards.
- Develop and implement the overall strategic vision for the MIS program, including program cultural elements, curriculum design, program enhancements, and academic policies.
- Lead a team of faculty and staff, providing guidance, support, and professional development opportunities.
- Participate in the recruitment, admission, and retention of high-quality students for the MIS program.
- Design and implement program assessment strategies to evaluate student learning outcomes and ensure continuous improvement.
- Foster relationships with industry professionals and organizations to promote internship and job placement opportunities for MIS students.
- Collaborate with industry partners to ensure the MIS program's relevance and responsiveness to emerging trends and technologies.
- Establish and maintained effective communication channels with students, faculty, staff, and external stakeholders.
- Develop and delivered courses within the MIS program, bringing industry expertise and real-world examples into the classroom.
- Provide academic advising and mentoring to MIS students, supporting their professional and career development.
- Actively participated in professional organizations and conferences related to MIS, staying current with industry developments and best practices.
- Collaborate with other departments and programs to foster interdisciplinary initiatives and opportunities for students.
- Develop and maintained program accreditation documentation and ensured compliance with accreditation standards.

### **Co-Director, Cybersecurity MS and Advanced Cybersecurity Certificate programs, 9/22 - Present**

- Successfully direct and managed a graduate-level Cybersecurity MS (Masters in Data Science with a focus in Cybersecurity) program, ensuring its alignment with institutional goals and industry standards.
- Develop and implemented the overall strategic vision for the Cybersecurity MS, including program cultural elements, curriculum design, program enhancements, and academic policies.

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- Lead a team of faculty and staff, providing guidance, support, and professional development opportunities.
- Participated in the recruitment, admission, and retention of high-quality students for the Cybersecurity MS program.
- Fostered relationships with industry professionals and organizations to promote internship and job placement opportunities for students in the Cybersecurity MS program.
- Collaborated with industry partners to ensure the program's relevance and responsiveness to emerging trends and technologies in the cybersecurity space.
- Established and maintained effective communication channels with students, faculty, staff, and external stakeholders.
- Developed and delivered courses within the Cybersecurity MS program, bringing industry expertise and real-world examples into the classroom.
- Provided academic advising and mentoring to MS students, supporting their professional and career development.

#### **Classes Taught (2009 - present):**

- Systems Analysis and Design, Amrita University Joint Degree Program with UB.
- MGS 101 (Information Technology and Management I)
- MGS 102 (Information Technology and Management II)
- MGS / CSE 427 (Systems Security)
- MGS 439/639 (Cybersecurity, Privacy and Ethics)
- MGS 650 (Information Assurance)
- MGS 607 (Technology and Innovation Management for PMBAs)
- Global Programs (Fintech)
- MGS618 (Cybersecurity Seminar for PMBAs)
- CSE499/799 (UB Network and Cyber defense, cross listed with MGS420/499)
- UE141 (Academies Seminar)
- CSE 101 (Computer Literacy and Introduction to Computer Science)

#### **Guest Lectures:**

- MGS 407 - Incident response, business continuity and table top exercises
- MGS 639 - Cybersecurity Technologies
- MGS 427 - Introduction to Networking
- MGA 642 - Tours and description of UB's Data Center Controls
- MGS 602 - DevOps and Containerization
- MGM 410 - Cybersecurity & Internet Safety Primer
- MGS 314 - DevOps - The good, the bad, the adorable
- CSE411 - Linux system administration
- CSE501 - Virtualization and Para-virtualization
- CSE799 - High performance computing using NVidia Tesla GPU and batch queuing

#### **Awards**

- 2023-24 Academic Integrity award winner

#### **Grantsmanship:**

- PENDING NSF Proposal #2520971- Cyber Risk Insurance and Security Planning (CRISP) (Co-PI),
- UB AI in the Classroom Fellow, 2024 - 2025 - \$5,000
- NSA Gencyber (Multiple awards over 6 years, \$724,018 in total) - The GenCyber program provides cybersecurity experiences for students and teachers at the secondary level.
  - Instructional Lead, 2023-2024: \$124,313
  - Instructional Lead, 2022-2023: \$126,577
  - Instructional Lead, 2020-2022: \$97,128
  - Instructional Lead, 2019-2020: \$94,029
  - Instructional Lead, 2018-2019: \$94,519
  - Instructional Lead, 2016-2017: \$99,452
  - Instructional Lead, 2015-2016: \$88,000
- School of Management Teaching Innovation Fund, 2024 - \$8,000

- UB AI Seed Funds, 2023-2024 - \$4,000
- SUNY IITG Grants
  - Tier 3 Funding, 2023 - SPEAR and SHIELD Simulation Proposal (co-PI) – \$40,000
  - Tier 3 Funding, 2019 - Open Cyber Arena Virtual Lab - Replicable, Scalable and Flexible Hands-on Cybersecurity Learning Environment - github.com/ubnetdef - \$37,690
  - Tier 2 Funding, 2018 - Open Cyber Arena Virtual Lab - Replicable, Scalable and Flexible Hands-on Cybersecurity Learning Environment - github.com/ubnetdef - \$20,000
  - Tier 2 Funding, 2018 - Open edX Pilot - explore Open edX as a traditional and post-traditional education delivery platform to students on a global scale - \$20,000
- UB NSF I-Corps Program - STEM Informal Learning Infrastructure - \$1,200

#### Publications:

- Creation of several in-depth case studies relating to cybersecurity management.
  - MGS 639 – AI Agita, Callen Conundrum, DDOS Depression
  - MGS 650 – Multiple, industry specific cases, with ideas contributed by industry professionals.
- Murray D., Cleary K., James S., Ventresca R., Pon D. (2019) Open Cyber Arena: Replicable, Scalable and Flexible Hands-on Cybersecurity Learning Environment. Poster at SUNY CIT 2019: Transforming Challenges into Solutions, 2019 Purchase, NY
- Laura Amo, Joana Gaia, Savit Aluri, Jonathan Higgins, David Murray, Kevin Cleary, Shambhu Upadhyaya "Addressing the Cybersecurity Talent Gap through a Serious Games Approach with Young Adults" Workshop on Information Technology and Systems (WITS), 2018
- Laura Amo, Ruochen Liao, David Murray, Kevin Cleary, Emma Frank, Alexandra Mazzei, H. Raghav Rao, Shambhu Upadhyaya "Cybersecurity Interventions for Young Adults" Security Knowledge Management Workshop, 2017
- Supplemental book author for Pearson Education. Works include:
  - Go! With Office 2010, testbank questions and answers
  - Technology in Action 8th edition, web links suggestion for instructors
  - Computers Are Your Future 12th edition, instructors' Manual
  - Tomorrow's Technology and You, 10th edition, instructors' Manual
  - Go! With Windows 7, Online Study Guide

#### Research Support Related Experience:

- Reviewer for premier Information System Conferences
  - America's Conference on Information Systems (AMCIS) 2025
  - European Conference on Information Systems (2024)
  - International Conference on Information Systems (2023)

#### Additional Activities:

- Event Organization and Management
  - Organizer, UB AIX AI Summer Camp – June 2025
  - Organizer, MSS Experiential IT Exposition – May 2025
  - Organizer, UB AI For Good Hackathon – February 2025
  - Organizer and panel moderator, Great Lakes Information Technology Retreat (GLTR), November, 2024
  - Organizer, UB Generative AI Hackathon – September, 2024
  - Organizer, MSS Experiential IT Exposition – May 2024
  - Organizer, MSS Talent and Variety Show – May 2023
- Panels
  - Panelist, UB Accepted Students Days – April, 2025
  - School of Management Lunch with a leader - March, 2025
  - Guest on Teaching Table Podcast, Innovative Teaching Strategies with AI - January 2025.
  - Panelist, AI Fellowship Panel Discussion on AI in the Classroom - November 2024
  - Panelist, Future of Work Summit - May, 2024
  - Panelist, CATT Annual Genteel's Conference – January 2024
  - Panelist, UB Faculty Senate IT Lunch and Learn 2023

#### Media Hits (Over 3 Billion Impressions)

- Web Articles

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- [\\_Gillibrand promotes Cyber Service Academy at UB, 2024\)](#)
- [\(Cleary, Massive Hack At 23andMe Got Health, DNA Ancestry Data, 2023\)](#)
- [\\_Cleary, The government is very hackable, and they have your data, 2023\)](#)
- [Cleary, K. \(2022, March 14\). How to Recover a Hacked Facebook Account. \(K. Cicero, Interviewer\)](#)
- **Media Interviews**
  - [What is Signal? Learn more about the app that top officials used to discuss alleged Yemen attack – WKBW, March 2025](#)
  - [UB professor discusses technical aspects of Signal amid White House text message leaks – WIVB \(In Studio\), March 2025](#)
  - [Cybersecurity in the spotlight after "Signalgate" – WBEN, March 2025](#)
  - [Local cybersecurity experts explains 'Signal' – WGRZ, March 2025](#)
  - [Amazon removes privacy option for devices – WBEN, March 2025](#)
  - [Social Security tightens ID verification, accelerates direct deposit timeline - WIVB, March 2025](#)
  - [Social Security Verifications and their Cybersecurity Drivers – WBEN, March 2025](#)
  - [\(Cleary, Apple patches security vulnerabilities in recent IOS update , 2024\)](#)
  - [\\_Cleary, UB Cybersecurity Scholarship Programs can better aid in cybersecurity data breaches, 2024\)](#)
  - [\\_Cleary, Microsoft Windows outage: UB professor provides some insights, 2024\)](#)
  - [\\_Cleary, What is CrowdStrike?, 2024\) - NPR](#)
  - [\\_Cleary, Skeptical U.S. lawmakers grill TikTok CEO over safety, content, 2023\)](#)
  - [\\_Cleary, RESTRICT Act could change how we use social media, 2023\)](#)
  - [\\_Cleary, What action could New York take against TikTok?, 2023\)](#)
  - [\\_Cleary, Town Hall: A legal analysis on Montana's TikTok ban, 2023\)](#)
  - [Cleary, K. \(2022, February 24\). Kevin Cleary on how to protect your identity. \(N. 4. Up!, Interviewer\)](#)
  - [Cleary, K. \(2021, December 17\). News 4 speaks with Information Security Officer Kevin Cleary. \(K. Green, Interviewer\)](#)

#### Special Presentations and other activities

- Mentor, PowerUpTech Tech Design Challenge - June and July 2025
- Overview of the ITM and MSMIS Degrees, UB School of Management Curriculum Conference, May 2025
- Threat Intelligence Update: Adversarial use of Generative AI - Empire State Cyber Fraud Task Force, May 2025
- Nancy Welch Award Judge, Campus Living, April 2025
- UB Discover UB Day, Introduction to Information Technology and Management (IT&M), April 2025
- Class on systems Analysis and Design, Amrita University, January 2025
- Judge, UB CSE Demo Day, December 2024
- UB Open House , Introduction to Information Technology and Management (IT&M), October, 2024
- SUNY Business Officer's (SUBOA) annual conference - Resilience and Reinvention; More than just Technology - May, 2024
- Williamsville North Technology Career's Presentation - May, 2024
- M&T Bank BSA Townhall Touchpoint, Fraud abuse and detections with Generative AI - May, 2024
- SUNY CIT Poster Competition, May 2024
- Judge, PowerUpTech Tech Design Challenge - June 2024
- Adversarial use of Generative AI - Empire State Cyber Fraud Task Force, January 2024
- UB Discover UB Day, Introduction to Information Technology and Management (IT&M), April 2024
- "Building your Cyber Portfolio", UB Student Excellence in Cybersecurity (UBSEC) - March 2024
- Beta Alpha Psi Workshop on Building Engaging Relationships Through Implementation of Technology Cybersecurity and Ethical Data Use, February 2024
- Empire Cyber Fraud Task Force (2024), Adversarial use of Generative AI
- UB Gencyber Camp (2016-2024) – Internet Packet passing and Routing Activity. Raspberry Pi LAN construction hand-on activity.
- UB Discover UB Day, Introduction to Information Technology and Management (IT&M), April 2023
- Blackstone Launchpad Design Challenge Applications of AI in the Classroom (2023). Presentations on both:
  - AI as a Digital Assistant
  - Artificial Intelligence and Machine Learning

- UB Open House, Introduction to Information Technology and Management (IT&M), October 2023
- Empire Cyber Fraud Task Force, Panel Discussion on Cyber Fraud, January 2023
- US Army task force 42 - Cyber Impact 2022 – “The Higher-Ed Threatscape (And Why It's Critical)”, Spring 2022
- ISACA – “IT Security Certification and Professionalism”, Spring 2022
- University at Buffalo Deans and VPs – “Current State of Cybersecurity at UB”, Fall 2021
- UB CS Ed Week Kids Day Program - Organized interactive table display and presentation on system internals and other hardware for children and parents, December, 2019.
- Lockdown and UBNetdef advisement, 2015 - Present
- Prentice Hall Information Technology Conference - Virtualization in the class room and lab setting, March, 2011

#### Committees and Service:

- Chair, Academic Grievance and Academic Integrity Pools (2024-present)
- Assurance of Learning (2023-Present)
- SOM IT System Analyst Search Committee (2024)
- Retaining International Talent in Buffalo Working Group (2023-2024)
- Clinical promotion review committee (Ad Hoc) (2023-2024)
- MSS Strategic Plan Group (Ad Hoc) (2023)
- MSS Research Infra Group Proposal (Ad Hoc) (2023)
- Clinical Assistant Professor Search Committee (2023)
- Associate Dean for Enrollment Management Search Committee (2023)
- GPO Advisor Search Committee (2023)
- CRC Advisor Search Committee (2023)
- Online Proctoring Request for Proposal Committee (2022)

#### Advisement:

- Product at UB (PUB) Club 2022-2023
- UB Student Excellence in Cybersecurity (UBSEC) 2023-present

#### Other Academic and Pedagogical Support Related Experience:

- Developed multiple virtual labs for classes including MGS 101, 102 and 650.
- Member of pilot group for Blackboard Ultra during Fall 2020.
- UB Cyber Network Defense Independent Study – serve as technical advisor and mentor. Help students to deploy vmware across a 40 node cluster with 50TB of network mounted storage back ends. Serve as guest lecturer for various technical and business-related cybersecurity topics. Server as infrastructure advisor for yearly “Lockdown” cyber defense competition.
- Member of School of Management’s advisory council for the newly developed BS Information Technology and Management degree. – 2015-2016
- Contributed to syllabus formation for MGS 101.

## PROFESSIONAL EXPERIENCE

UNIVERSITY AT BUFFALO, Buffalo, NY,

**Assistant Vice President and Chief Information Security Officer, 2/21 – 9/22**

- Participate in strategic planning and development with special attention to providing leadership in areas of information security.
- Serve as a member of the Vice President / CIO Senior Leadership Team.
- Ensure delivery of a suite of highly aligned services including superior customer experience and support for external and internal customers.
- Liaise with multiple administrative and academic units to promote a culture of security and ensure adequate application of security controls to protect highly sensitive data.
- Develop and improve University-wide technology hardening standards.
- Chair the Security Architecture group for proper alignment, deployment and planning of technology-based controls, implemented across multiple teams, skillsets and administrative areas.

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- Manage development and administration campus-wide information security and privacy policies.
- Chair the Information Security and Advisory Committee (ISPAC) governance group which guides, updates and manages University information security policies.
- Work to bring centralized and federated security controls in line with NIST 800-171 requirements.
- Lead a cross-functional group to implement controls for implementation of CMMC level 3 compliance so as to maintain current levels of federally funded research grants, many of which include DFARS and ITAR regulations as they deal with controlled unclassified information.
- Working to strengthen university-wide readiness for ransomware attack; conducting table top exercises, technical hardening engagements, business continuity initiatives and updating incident response plans and policies.
- Ensure compliance with SUNY policy; federal and state requirements.
- Manage the security office budget, with responsibility for projecting, developing, administering, and reconciling project and operating budgets consistent with campus and organizational goals.
- Lead the development, implementation and maintenance of the University's formal campus-wide information security/Cybersecurity program to protect the University's information assets.
- Coordinate responses to cybersecurity incidents and data breaches. Work closely with the offices of University Counsel, Internal Audit, and University Police on matters involving confidential/sensitive data. Serve as a liaison to federal, state, local, and professional organizations for information security/cybersecurity matters.
- Oversee and manage day to day activities of the Information Security team. Implement appropriate professional development and training programs for direct reports. Ensure all employees in this position's portfolio have development and training plans.
- Participate, as appropriate, in internal and external professional activities, such as an author, committee member, search chair, meeting or conference presenter.
- Keep abreast of emerging developments within the security field; attending conferences, webinars and training engagements and keeping active with the Research and Education ISAC group (REN-ISAC).

**Manager, System Software, Enterprise Infrastructure Services (EIS), 5/17 – 1/22**

- Provide supervisory duties for 18 staff members. This includes regular staff meetings, day-to-day performance / resource management, and the completion of yearly performance programs and appraisals.
- Oversight of day-to-day team activities, service support and projects for services.
- Service manager for datacenter infrastructure / security operations team . Team comprised of 4 members that manage 3 distributed data centers with over 10,000 NSF of space. Services include deployment and management of Storage Area Network (SAN), backup, load balancers, Stealthwatch, power monitoring / distribution, physical server and chassis deployments, security and environmental systems. This team also supports security operations services such as firewall management, Corelight IDS, Metasploit, Tripwire, Tenable vulnerability scan, packet capture and log management / correlation using syslog and Splunk.
- Chair a joint security architecture committee to work along business and IT lines to ensure technology controls are properly aligned with business objectives and risk appetite.
- Service manager for Database Infrastructure Support team. Team comprised of 6 members who provide design, infrastructure and system support to Oracle, MySQL and MSSQL services. Over 1200 databases supported across 200 databases instance that back-end a variety of enterprise applications.
- Service manager for Content Server Provisioning team. Team comprised of 5 members that manage 200 Linux/Solaris servers (bare metal and VMs). Services include enterprise database servers, OpenShift containers, search engine, monitoring, SIEM (Splunk), LMS, and content management services.
- Service Manager for E-Business Server Provisioning and Support. Team comprised of 5 members that manage 150 Linux/Solaris servers. Services include campus ERP (PeopleSoft), web application server farm, CICD tools (code repo and deployment pipeline) clinical trial, grant and laboratory management systems.
- Create budget and expenditure plan based on University technology priorities and initiatives. Provide budgeting input for the purchase of new hardware, software and SaaS solutions. Manage yearly software renewals and vendor contracts associated with the services within team portfolios.
- Act as liaison to the ISO's office for HIPAA compliance, server security standards, SIEM support and configuration and other security initiatives. This involves drawing up policies (people, process and technology) that align with multiple compliance standards and managing all documentation and projects associated with compliance ratification.
- Develop and enforce security polices, controls and server build standards for various services and environments, making confidentiality, integrity and availability of systems part of every technical-management decision. Work first hand with HIPAA and NIST compliant systems to ensure controls are properly aligned with regulatory requirements.

**Associate Director for Information Technology, Campus Living, 3/15- 5/17**

- Provided strategic leadership and vision for to the Campus Living Information Technology group, ensuring proper use of up-to-date technology to help Campus Living achieve its fiscal and customer service goals.
- Supervision of the IT unit within Campus Living. Direct supervision of 5 full-time professional staff positions including hiring, training, work performance management, and evaluation.
- Management of a \$1.35 million operational budget that drives an IT unit which provides support to a 250+ user environment and business systems that produce over \$66 million in revenue each year.
- Lead departmental efforts to ensure applications are aligned with and properly access campus systems and interfaces. This includes ensuring system and programs meet the needs and expectations of our 8500+ students as the campus prepares for future development of technology services.
- Implemented local security policies and procedures including desk and server hardening standards.
- Implemented periodic vulnerability scanning of servers and base workstation images.
- Worked with campus partners to ensure adequate shared service delivery, support and data integrity.
- Developed a project management and prioritization methodology which created a formalized rubric, scoring criteria and update process so that Campus Living shareholders can better communicate IT needs and view, from a high level, the different IT demands and costs that the IT unit regularly balances.
- Managed development of applications that streamline business processes and add direct value to the residential community.
- Developed and tested business continuity and disaster recovery plans to ensure continuity of business operations across a continuum of system failures.
- Ensure adequate support and delivery for value added services including: campus cable system, door access to 300+ doors (using BASIS), facilities, inventory and asset management (TMA), key management (KeySystems), human resources (Kronos), room management and student housing portal (RMS), self-service user forms (Mach Forms), and custom web app development.

**UNIVERSITY AT BUFFALO, Buffalo, NY,**

**Senior Systems Administrator, Computer Science and Engineering, 7/06 – 3/15**

- Served as liaison to funded research faculty to help fulfill their research needs and goals. This sometimes involves design and implementation of systems that have no prior design precedent or documentation.
- Implemented and managed operational security controls such as network segmentation, firewall rules, endpoint protection deployment, secure DNS and DHCP.
- Developed in-house security assessment scripts to quickly audit and verify server security setting disposition.
- Researcher funded infrastructures I have managed total over \$550,000 in equipment purchases (\$15,000,000 in overall grant awards). Funding agencies include the Department of Defense (DoD) and the National Science Foundation (NSF).
- Managed multiple concurrent projects including (but not limited to) researcher infrastructures, hardware upgrades and exploration of new services/service consolidations.
- Acted as primary coordinator for virtualization, file/print, and virtual desktop infrastructure (VDI) services.
- Designed, implement and maintain Linux/FreeBSD service providing authentication, timesharing, web, file access, backup, print, database, licensing, digital signage, network, and VDI services.
- Designed, implement and maintain a virtualization solution based on VMware's Vsphere.
- Designed, implement and maintain Windows services providing desktop virtualization patch management, file sharing, backup, printing and campus card access system (BASIS) services.
- Instructional lab and computing infrastructure support, including analyzing computing needs of researchers, developing policies and support for all departmental computing equipment.
- Implemented group policy objects to streamline administrative tasks and end-user experiences.
- Created and update departmental web pages and applications using PHP, MySQL and Oracle.
- Authored administrative scripts used for distributed software installs and system configuration.
- Provided storage and backup support for NetApp and Dell PowerVault storage systems.
- File Backup support using IBM's TSM and open source AMANDA solutions.
- Network management and design across several subnets (public and private) including DNS, DHCP, and firewall, router and switch management.

**TECHIUM INCORPORATED, Tonawanda, NY**

**Network Engineer, 12/03 – 6/06**

- Served as frontline helpdesk support for various clients, primarily in the medical field.
- Developed and deployed specialized software images for large scale hardware deployments.

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- Created a customized project management MS Access application.
- Performed various network installs and system administrator tasks as well as numerous work station set ups, image creation, system repairs, upgrades, and virus cleaning.

**RICH PRODUCTS CORPORATION, Buffalo, NY**  
**Security Intern – Information Services, 5/04 - 12/04**

- Managed project to create a security policy deviation request and tracking system with ASP and Access.
- Conducted vulnerability scans on various servers, making remediation recommendations in order to maintain a baseline network security.
- Analyzed/adjusted spam and virus email filtering to maximize detection, freeing up resources.
- Migrated 400 laptop users over to newer antiviral software with the use of a web tutorial, verbal and written communication, and an Access database.

**ACTIVITIES**

Member of Fortinet customer advisory board for higher education vertical, Guest judge for UBIT’s IGNITE competition, panel moderator for 2015 ISSA “Working in Cyber Security” roundtable workshop, Panelist for yearly UB “Lockdown” cyber defense competitions.

**CERTIFICATION  
 AND  
 EDUCATION**

**ISC<sup>2</sup> Certified Information Systems and Security Professional (CISSP)**

**UNIVERSITY AT BUFFALO, THE STATE UNIVERSITY OF NEW YORK**  
**Master of Business Administration, May 2005**  
 Information Assurance, Information Systems and E-Business Concentration

**UNIVERSITY AT BUFFALO, THE STATE UNIVERSITY OF NEW YORK**  
**Bachelor of Science in Computer Engineering, May 2003**