Julissa Diane Molina

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julissadm2025.github.io

EDUCATION

Bachelor of Science in Computer Security Technology **December 2025**
Farmingdale State College, Farmingdale, NY
Data Analytics Apprentice **December 2024**
COOP Careers Program
Bachelor of Arts in Psychology **May 2023**
Hunter College, New York, NY
Associates of Liberal Arts & Science in Humanities & Social Science **May 2021**
Nassau Community College, New York, NY

RESEARCH EXPERIENCE

Assistant Researcher
Pedagogy Research on Cybersecurity Students **Sept 2024-Present**
Farmingdale State College
• Conducted study with Dr. Emre Tokgoz on how social and environmental factors affect
cybersecurity students' learning.
• Analyzed surveys/interviews, identified patterns in
• Published 6 articles and presented findings at IEEE's 15th Integrated STEM Conference and
2025 ASEE Annual Conference.

Student Researcher
QCOSE/QueSST (NASA X-59 Sonic Boom Project)
Farmingdale State College **June 2024–Present**
• Advised by Dr. Kimberly Riegel on ray-tracing simulations and sound wave propagation
models
• Created Raspberry Pi-based device to capture 'sonic thumps'
• Publication Currently Under review

WORK EXPERIENCE

Computer Laboratory Assistant
Farmingdale State College **Jan 2025–Present**
• Troubleshoot software/hardware and assist students using engineering lab equipment.
• Maintain a collaborative and functional lab environment.

Manager
J.Crew July 2019–Present

• Achieved top district rank with 32 credit card applications in one month.
• Managed operations including cash handling, security enforcement, and inventory tracking.

Youth Development Specialist
Family Service League   **August 2021–August 2022**
• Co-developed a 6-month curriculum covering college prep, drug prevention, and mental health.
• Mentored over 60 girls through the GEL Summit with a 100% completion rate
• Helped launch the Hempstead Prevention Coalition, uniting 50+ social service organizations and companies for monthly collaboration with Thurston O'Neal

Youth Advocate
Family and Children's Association   **January 2019–August 2021**
• Conducted focus groups with over 60 youth across Long Island to gather first-hand accounts of their experiences with the juvenile justice system
• Analyzed and visualized findings in Excel, presenting results to New York State officials in Albany
• Represented the organization at the Juvenile Justice Coalition in Washington, D.C., engaging with national advocacy leaders

PUBLICATIONS

1. *Factors Impacting Cybersecurity Students' Classroom Success with Their Worries Towards Success*, Emre Tokgoz, Sergio Duarte, Alyssa Xiang, Julissa Molina, Tanvir Ahmed, Joel Joseph, 15th IEEE Integrated STEM Education Conference, Princeton University, 2025.
2. *Risk Assessment Factors, Anxiety, and Cyber-incident Experiences of Cybersecurity Students: A Case Study*, Emre Tokgoz, Joel Joseph, Tanvir Ahmed, Julissa Molina, Sergio Duarte, Alyssa Xiang, 15th IEEE Integrated STEM Education Conference, Princeton University, 2025.
3. Professors' Impact on Cybersecurity Students' Learning, Emre Tokgoz, Julissa Molina, Joel Joseph, Sergio Duarte, Alyssa Xiang, Tanvir Ahmed, 15th IEEE Integrated STEM Education Conference, Princeton University, 2025.
4. *Environmental Factors Impacting Cybersecurity Students' Major-specific Conceptual Learning*, Emre Tokgoz, Tanvir Ahmed, Sergio Duarte, Joel Joseph, Alyssa Xiang, and Julissa Diane Molina, ASEE Annual Conference, Montreal, Canada, 2025.
5. *Cybersecurity Students' Choices of Learning Strategies for Covering Major-specific Concepts*, Emre Tokgoz, Joel Joseph, Julissa Diane Molina, Tanvir Ahmed, Alyssa Xiang, and Sergio Duarte, ASEE Annual Conference, Montreal, Canada, 2025.
6. *Social Factors Impacting Cybersecurity Students' Learning and During Decision Making the Coverage of Major-specific Concepts*, Emre Tokgoz, Alyssa Xiang, Julissa Diane Molina, Sergio Duarte, Tanvir Ahmed, and Joel Joseph, ASEE Annual Conference, Montreal, Canada, 2025.