Jiuma Elhshik

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EDUCATION

Metropolitan State University – *__Rising Junior__*   St. Paul, MN
Bachelor of Science in Cybersecurity GPA: 4.00   Expected May 2026
Awards/Honors: MLT Career Prep Fellow & Ascend Scholar, Wallin Scholarship
Relevant Coursework: Network Security and Protocols, Vulnerability Assessment & Penetration Testing, Ethical Hacking

TECHNICAL SKILLS

Programming / Scripting Languages: Python, C, Bash, PowerShell, SQL
Software: Microsoft Office Suite (Excel, Outlook, PowerPoint, Teams, Word and SharePoint), VMware, Linux/Unix, Password Vaults, AWS, Docker, Kubernetes, Microsoft Security Tools, Wireshark, Kali Linux, Abnormal, KnowBe4, Cortex XDR
Certifications: CompTIA **Security+ CE**, CompTIA **Network+ CE**

WORK EXPERIENCE

Metropolitan State University – Cyber Clinic   St. Paul, MN
Cybersecurity Consultant/Risk Assessor   Aug 2024 – May 2025
- Leverage risk management and stakeholder relationships in an NSA-funded program to conduct vulnerability scans, risk assessments, and enhance threat detection and response for small businesses and schools in Minnesota.

Metropolitan Council of the Twin Cities   St. Paul, MN
Information Security Intern – Incident Response Team   May 2024 – May 2025
- Collaborated within a multi-disciplined team, utilizing Microsoft Sentinel SIEM for security alert triage, and other tools for intrusion detection and response, reducing response times by 40% using SOAR Playbooks.
- Enhanced email security using Proofpoint, Abnormal, and KnowBe4, leading to a 50% reduction in phishing incidents by implementing a multi-layered defense along with a comprehensive training program for users.
- Coordinated with CISA and internal teams, resulting in a 20% improvement in critical infrastructure protection and compliance efforts by demonstrating leadership and cross-department collaboration.

Infinite Campus   Blaine, MN
Systems Administrator Intern   May 2023 – May 2024
- Optimized and managed SIS infrastructure for a major U.S. K-12 software provider, utilizing VMware, SolarWinds, and Cisco Meraki to monitor 5000+ servers and ensure rapid issue resolution.
- Automated routine processes using PowerShell and SQL, increasing operational efficiency by 20% and saving 300+ hours annually by implementing my critical thinking and automation scripting skills.
- Conducted security audits, enhancing access control and system security, resulting in a 15% increase in compliance with security standards by showcasing attention to detail and internal controls expertise.

Anoka-Ramsey Community College   Coon Rapids, MN
Peer Tutor/Mentor   Aug 2022 – Dec 2023
- Developed individualized learning plans, and built rapport with students, contributing to a 95% satisfaction rate in tutoring services by utilizing excellent communication and interpersonal skills.

PROJECTS

Personal Website: Contains my projects, certifications, and more! For more information, visit: https://jiumael.com/
- T-Pot Honeypot Project: Logged and analyzed over 126,833 attacks in 48 hours using Docker, Elastic Stack, and Kibana dashboards to identify top attack vectors and recommend improved defenses.
- Secure AWS Cloud Project: Designed and created a secure AWS network across multiple regions with VPNs and NAT.

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow   Washington, DC
Career Preparation Fellow & Ascend Scholar   Jan 2024 – Present
- Selected for selective 18-month professional development program, showcasing leadership, critical thinking, and problem-solving skills through business case studies and industry-led conferences by Deloitte, LinkedIn, and Target.

Metropolitan State University Student Senate   St. Paul, MN
Board & Academic Appeals Committee Member   Jan 2024 – Present
- Streamlined appeals process and allocated $100,000+ in funds, boosting efficiency and student engagement, while reducing decision time by 20% through process streamlining and communication skills.

ADDITIONAL SKILLS AND INTERESTS

Self-motivation, leadership, critical thinking & problem solving, scripting, attention to detail, client satisfaction and retention, interpersonal communication, adaptability, process streamlining, written and verbal communication.