

# Mateo Flores

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## EDUCATION

**Northwestern College** | Orange City, IA  
Bachelor of Arts in Software Engineering

Expected May. 2025

**West Virginia State University** | Institute, WV  
Bachelor of Arts in Computer Science (Transfer)

Aug. 2021 – May. 2023

## Skills & Certifications

- **Programming Languages:** Python, C/C++, SQL, JavaScript, HTML/CSS
- **Frameworks & Compliance:** React, Node.js, Django; GDPR, HIPAA, SOX, CCPA, NIST, SOC2, ISO 27001
- **Cybersecurity Tools:** Nessus, Wireshark, Greenbone (OpenVAS), Nmap, Metasploitable, Splunk
- **Developer Tools:** Git, VS Code, Visual Studio, PyCharm
- **Risk Management:** Regulatory Compliance, Strategic Risk Solutions, Incident Response
- **Certifications:** ISC2 Certified in Cybersecurity, Cybersecurity GRC (in progress) Better Cyber Career

## PROFESSIONAL EXPERIENCE

**Cyber Security Analyst Assistant** | Northwestern College | Orange City, IA

Nov. 2024 – Present

- Enhanced network security by conducting penetration tests and vulnerability assessments with Nessus, Nmap, and Metasploitable, identifying and mitigating critical risks, and reducing vulnerabilities by 60%.
- Improved defenses against cyber threats by strategically remediating 60% identified issues from security scans, ensuring robust system integrity and resilience.
- Contributed to an enhanced security posture by assessing device security and implementing a strategy that protected sensitive data across multiple endpoints.

**IT Technician** | Northwestern College | Orange City, IA

Jan. 2024 – Present

- Enhanced user experience by troubleshooting and resolving multiple IT-related issues, providing timely and effective technical support that decreased resolution time by 30%.
- Developed expertise in computer repairs and system error resolution, contributing to a 15% increase in system performance and reliability through diligent support practices.
- Delivered outstanding customer service, clearly communicating solutions, which improved customer satisfaction by 30%.

**Technology and Management Intern** | Future Stars | Southampton, NY

May. – Aug. 2024

- Optimized booking processes and enhanced client service experiences by integrating booking software with client databases, leading to a 20% reduction in processing time.
- Fortified database security during operations and upgrades by enforcing best practices, achieving an 80% data integrity rate.

## Projects

**MasterCard:** Cybersecurity virtual experience program on Forage

- Completed a job simulation where I served as an analyst on Mastercard's Security Awareness Team and identified and reported security threats such as phishing.

**Datacom:** Cybersecurity virtual experience program on Forage

- Led a client protection initiative by investigating a cyberattack, identifying critical vulnerabilities, and authoring a report with key recommendations that strengthened the client's simulated cybersecurity defenses.

**Personal Portfolio Website**

[GitHub](#) | [Portfolio](#)

- Designed a responsive personal portfolio using HTML, CSS, and JavaScript to showcase technical projects and skills.

**PiCar X**

[GitHub](#) | [Project](#)

- Collaborated with a team of 5 to program a PiCar that could be controlled via keyboard commands over a UDP network connection, improving my teamwork abilities and practical knowledge of networking protocols.

## Leadership & Affiliations

**Code Path & Color Stack Tech Fellow**

Nov. 2024 – Present

**Athletic Communications** | Northwestern College | Orange City, IA

Feb. 2024 – Present

- Enhanced Northwestern College's athletic engagement by managing digital content and producing live-stream events, bolstering the department's online presence and communication.

**Men's Tennis Varsity Team Member** | Northwestern College & West Virginia State University

Aug. 2021 – Present