Mateo Flores

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EDUCATION

Northwestern College — Orange City, IA
Bachelor of Arts in Software Engineering — *May 2025*

West Virginia State University — Institute, WV
Bachelor of Arts in Computer Science (Transfer) — *Aug. 2021 – May 2023*

EXPERIENCE

IT Technician — Jan 2024 – Present
Northwestern College — *Orange City, IA*
- Problem-solving IT-related issues for students, faculty, and staff.
- Gain understanding of various methods of repairing computers and fixing system errors.
- Exhibit strong listening and customer service skills to understand the problem and make people feel welcome fully.

Front Desk Athletic Department — Aug. 2023 – Dec. 2023
Northwestern College — *Orange City, IA*
- Engaged in ongoing responsibilities at the Athletic Department's front desk.
- Utilize computer systems regularly to assist both staff and visitors.
- Hone customer service skills through continuous interaction with various individuals.
- Gain valuable hands-on experience that contributes to my professional growth.
- Acquire technical and interpersonal competencies crucial for a future in software engineering.

Computer Science Club — Nov. 2023 – Present
Northwestern College — *Orange City, IA*
- Thriving community of students passionate about coding, software development, cybersecurity, and technology.
- Club serves as a hub for like-minded individuals.
- Shared goal of fostering collaborative learning, engaging in coding projects, discussing tech trends, and enhancing understanding of the digital world.

PROJECTS

PiCar X | *Python, Networking, UDP* — Nov. 2023
- Developed a program that enables the user to control a robot car (PiCar) using a keyboard, sending commands over a UDP connection over the network.
- Worked in a team sharing ideas on how to make this program and the robot work.

Portfolio | *Web Development, CSS/HTML, JavaScript* — Nov. 2023
- Created a dynamic portfolio website using CSS, HTML, and JavaScript.
- Hands-on experience in web development, applying these languages for information organization and presentation.
- Demonstrated personal and professional growth through a visually appealing and functional portfolio.

UDP Chat (reliable data transfer) | *Python, Networking, UDP* — Sep. 2023
- Implemented a UDP Chat system in Python with a focus on reliable data transfer.
- Provided a user-friendly interface for real-time chatting using the UDP protocol.
- Prioritized data reliability through effective error handling and verification mechanisms.

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, JavaScript, HTML/CSS, Perl, Linux/Unix.
Frameworks: React, Node.js, Django.
Developer Tools: Git, VS Code, Visual Studio, PyCharm.
Libraries: pandas, NumPy, Matplotlib

PERSONAL SKILLS

Languages: Spanish (Native Language); English (Bilingual Proficiency).
Customer Engagement and Marketing: Customer Service, Communication and Public Relations, Sales.
Digital Presence and Marketing Expertise: Social Media Management (Instagram, TikTok, Facebook), Photography, Video Editing, Digital Marketing, Student-Athlete.