Jason Flores

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EDUCATION

Illinois Wesleyan University Bloomington, IL
Bachelor of Science in Computer Science August 2022 – May 2026
- *Minor:* Mathematics | *Certificate:* Data Analytics
- *Areas of Focus:* Information Technology, Software Engineering, Data Science

TECHNICAL SKILLS

Programming and Web Technologies: Python, Java, C++, JavaScript, HTML, CSS
Libraries: Scapy, PyTorch, Pandas, NumPy, Matplotlib, Seaborn, OpenCV
Tools, Frameworks and Databases: VS Code, Git, MySQL, MongoDB, Flask, Bulma, Jinja2, Docker
Skills: Agile Methodologies, Data Structures & Algorithms, Network Analysis, Machine Learning

INTERNSHIP & EMPLOYMENT EXPERIENCE

Teaching Assistant – Computer Science & Mathematics January 2025 – Present
Illinois Wesleyan University, Bloomington, IL
- CS 135 - Sets, Logic, and Recursion: Assist with recursion, induction, data types and structures
- MATH 324 - Probability: Guide students in distributions, expectation, conditional probability, and statistics
- Proctor exams and evaluate student performance, grade assignments & quizzes with timely, accurate feedback

Business Analyst Intern January 2025 – March 2025
Driving Forward, Chicago, IL
- Leveraged technology solutions on case study to enhance product sustainability for a major brand
- Developed market research strategies for actionable recommendations
- Pitched data-driven solutions to panel of experts on Microsoft Teams
- Attended weekly sessions with Tech Consulting industry leaders for skill-building and network expansion

IT Services Associate August 2023 – December 2024
IWU Information Technology, Bloomington, IL
- Assisted 50+ walk-in clients and managed 100+ calls with technical questions
- Resolved 85% of technical issues on first contact, with 95% of online inquiries answered within 24 hours
- Documented client interactions across all mediums and escalated/referred as needed

TECHNICAL PROJECTS

Network Discovery and Visualization Tool August 2025 – December 2025
- Python based Network Discovery and Visualization Tool that scans a local or extended network to identify active hosts, gather detailed host and routing information, and visualize the results as a network graph

American Sign Language Recognition January 2025 – May 2025
- Trained a ResNet18 model achieving ~90% accuracy on 80K+ labeled images
- Built and deployed a Flask web app enabling real-time webcam gesture recognition

Personal Finance Tracker August 2024 – December 2025
- In PyCharm, using Agile methodologies developed a full-stack website that allows users to manage finances by tracking income, expenses, savings goals, budget limits, categorizing transactions, and viewing spending trends over time via interactive charts

Car Dealership Reviews May 2024 – August 2024
- Developed a full-stack web application to centralize dealership reviews, including user authentication, dynamic review management, interactive components for viewing and posting reviews, a sentiment analysis microservice, and cloud-based deployment of application components for efficient operation