Jordan Martin

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EXPERIENCE

Freelance Web Developer
Illinois Drivers Insurance   **November 2025 - Present, Remote**
· Architected a production, full-stack insurance quoting platform integrating WordPress, JavaScript, and third-party carrier rating APIs, enabling real-time multi-carrier pricing based on user risk profiles.
· Designed robust asynchronous workflows, error handling, and logging instrumentation to manage external API latency, failures, and retries, improving system observability and production reliability.
· Implemented front-end UX improvements and validation guardrails to streamline user input while preserving carrier-compliant payload integrity.

Lead Student Tech
Drake Information Technology Services (ITS)   **August 2023 - Present, Des Moines, IA**
· Organize semesterly staff meetings, lead trainings, and assist in interviews for ITS student workers.
· Manage the schedule of students' hours on a per-week basis, adapting to their availabilities.
· Review 50+ tickets weekly to ensure accuracy, a high-level standard, and to uphold department policy.

Junior Software Developer Intern
APS Data Technologies   **May 2025 - August 2025, Aurora, IL**
· Implemented a YOLOv8, DeepSORT, and TorchReID pipeline to monitor seated customers in real time, helping staff greet tables faster and improving dining experiences through ~20-25% quicker response times.
· Prototyped an AR-based mural scanning system for smart city initiatives, designed to boost tourism, increase foot traffic, and improve navigation in urban centers.
· Engineered real-time customer flow and seating analytics, giving managers data-driven insights to optimize staffing and improve service efficiency.

PROJECT

Co-Founder of Archeway - Job Tracking Application
archeway.net
· Built Archeway, a full-stack job tracking platform that streamlines the application process for students and professionals by centralizing job entries, deadlines, and progress in a modern, mobile-friendly interface.
· Developed dashboards, Kanban boards, calendar integration, and analytics to give users actionable insights into the job search pipeline and reduce the risk of missed opportunities.
· Implemented authentication and data workflows that balance usability with security, giving users confidence in managing applications.

Machine Learning Project - Oslo BBQ Weather Prediction
Drake University
· Preprocessed and cleaned weather data from a Kaggle dataset, ensuring data integrity and readiness for machine learning training.
· Split dataset into training and testing sets, optimizing model training and evaluation to enhance prediction accuracy.
· Built and fine-tuned a machine learning model in Python to predict weather suitability for BBQs, utilizing algorithms such as kKNN, decision trees, and random forests to maximize prediction reliability.
· Communicated findings through visualizations and documentation, translating complex model outputs into actionable insights.

EDUCATION

Bachelor of Science in Computer Science, Bachelor of Science in Artificial Intelligence
Minor in Data Analytics, Cybersecurity · Drake University · Des Moines, IA · 2026 · 3.93

SKILLS

Programming Languages: Python, R, SQL, TypeScript, JavaScript, Java

Machine Learning & Data Science: Computer Vision (YOLOv8, DeepSORT, TorchReID), Scikit-learn, Pandas, Torch, ONNX

Frameworks & Tools: Flask, React, Docker, Git/GitHub, Linux, Generative AI

Web Technologies: HTML, CSS, TailwindCSS, Bootstrap, REST APIs, JSON, Responsive Design, Mobile Optimization, SEO Best Practices