Jordan Martin

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EDUCATION

Bachelor of Science in Computer Science, Bachelor of Science in Artificial Intelligence

Minor in Data Analytics, Cybersecurity · Drake University · Des Moines, IA · 2026 · 3.92 GPA

· Relevant Coursework: Machine Learning | Artificial Intelligence | Algorithm Analysis | Human-Computer Interaction | Cryptography & Ethical Hacking (in progress) | Intro to Cybersecurity | Database Management | Software Engineering (in progress)

EXPERIENCE

Drake Information Technology Services (ITS) Lead Student Tech

Drake University   **August 2023 - Present, Des Moines, IA**

· Organize semesterly staff meetings, led trainings and other important events for ITS student workers.
· Schedule students' hours on a per-week basis, adapting to their availabilities.
· Review 50+ tickets to ensure accuracy, a high-level standard, and to uphold department policy.
· Balance 18 hours of work with academic workload.

Drake ITS Student Tech

Drake University   **August 2022 - August 2023, Des Moines, IA**

· Troubleshot Wi-Fi issues, software issues, and many other related problems encountered by campus faculty, staff, and students.
· Handled 10+ issues over the phone, in person, and through a ticketing system weekly.
· Diagnosed and resolved various technical issues, efficiently escalating complex cases to specialized teams when necessary.

PROJECTS

Individual Machine Learning Project - Oslo BBQ Weather Prediction

Drake University · Fall 2024

· 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 like kKNN, decision trees, and random forests to maximize prediction reliability.
· Evaluated model performance with accuracy metrics to achieve insight into weather patterns.
· Communicated findings through visualizations and documentation, translating complex model outputs into actionable insights.

Group Database Project — Summer Olympics

Drake University · Spring 2024

· Cleaned and transformed a complex dataset from Kaggle about previous Olympics events, eliminating inconsistencies and enhancing data quality for analysis.
· Engineered and normalized relational database tables to establish efficient data structure.
· Built and optimized SQL queries and views to uncover critical insights and ensure high-quality query performance.
· Developed interactive data visualizations using Excel and Tableau to effectively communicate data trends and patterns, aiding in data-driven recommendations.

SKILLS

Excel (advanced), Python (intemediate), SQL (intermediate), Git (intermediate), Shell (intermediate), HTML (basic), CSS (basic), Java (basic), JavaScript (basic), R (learning), React.js (learning)

HONORS & LEADERSHIP

Academic Awards

· President's List (Fall 2023, Spring 2024), Dean's List (Fall 2022, Spring 2023, Fall 2024)

University Involvements

· Member, Drake University Honors Program & Adams Leadership Institute