Jordan Martin

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EDUCATION

Drake University, Des Moines, IA
Bachelor of Science | Expected: May 2026

Double Major: Computer Science and Artificial Intelligence
Double Minor: Data Analytics and Cybersecurity

- GPA: 3.92

TECHNICAL SKILLS

- Proficient in Excel
- Advanced in Python, SQL
- Intermediate in HTML, CSS, Java

PROJECT EXPERIENCE

Drake University, Des Moines, IA
Group Database Project – Summer Olympics | 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.

Individual Machine Learning Project – Oslo BBQ Weather Prediction | 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 kNN, 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

PROFESSIONAL EXPERIENCE

Drake Information Technology Services (ITS) Lead Student Tech
Drake University | August 2023 – Present

- 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 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

- Troubleshoot Wi-Fi issues, software issues, and many other related problems encountered by campus faculty, staff, and students
- Handled issues over the phone, in person, and through a ticketing system
- Managed a wide severity range of issues, escalating to other groups when necessary

HONORS & AWARDS

- Dean's List in Fall 2022, Spring 2023
- President's List in Fall 2023, Spring 2024
- Drake University Honors Program Member
- Drake University Adams Leadership Institute Member