

George Hunt IV

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Education

Bachelor of Science: Computer Science and Engineering

April 2024

Michigan State University - East Lansing, MI

GPA: 3.88 | Honors College | Econometrics Cognate

Coursework:

Machine Learning | Algorithm Engineering | Data Structures | Multivariable Calculus | Web Application Design | Object-Oriented Software Design | Linear Algebra | Data Analysis | Discrete Mathematics | Economics | Statistics

Experience

Baseball Analytics Assistant

01 / 2022 - Current

Michigan State Baseball - East Lansing, MI

- Utilized databases to leverage data-driven approaches, enhancing team performance and decision-making
- Collaborated with staff to design and execute algorithms for data analysis, contributing to strategic planning
- Employed baseball-specific software and data programs to perform statistical analysis and visualization
- Communicated technical insights involving databases, algorithms, and software to non-technical co-workers

Sports Analytics Intern

08 / 2022 - 01/2023

Blast Motion - San Marcos, CA

- Showcased proficiency in understanding, interpreting, and applying abstract Blast performance metrics
- Translated analytical insights into actionable information for Michigan State coaching staff
- Collaborated with developers to enhance data visualization tools for more effective analysis

Projects

Data Analytics Project: NCAA Softball Playoff Predictor - Python

Spring 2022

- Developed machine learning models in Python, achieving 90% accuracy predicting NCAA softball playoff bids
- Used Pandas, NumPy, Scikit-learn, and Matplotlib to analyze large datasets and create insightful visualizations
- Presented findings to the MSU athletic department using matrices, plots, and graphs, guiding strategic decisions
- Showcased abstract thinking and problem-solving skills, effectively addressing ambiguous challenges

Thunder::Tech - Interactive Knowledge Base Using a Private AI Model - C#

09/12/2023 - 11/21/2023

- Developed web app with a private AI model, integrating web development and advanced machine learning
- Applied NLP techniques to enhance user query understanding, demonstrating expertise in AI sophistication.
- Crafted a user-centric chat-like UI that facilitates interactive question-posing
- Managed large datasets while ensuring data privacy, strengthening data security skills in software

Clubs and Organizations

Sports Analytics Club; MSU Hockey Analytics Team

08 / 2022 - Current

Vice President/ Sports Analyst; Michigan State University

- Assisted the Michigan State Hockey Team by performing statistical analysis and generating game reports
- Led weekly meetings of 25+ members, discussing Data Science and Analytics in Sports
- Guided collaborative team projects, fostering skill-building and knowledge-sharing

Future Leaders In Sports and Entertainment (F.L.I.S.E.)

08 / 2021 - Current

Professional Development Chair; Michigan State University

- Led Michigan State's premier sports management club, fostering industry connections and skill development
- Cultivate networking opportunities with professionals, enriching members' access to sports industry insights
- Organize workshops, seminars, and guest speaker events to enhance members' expertise

Skills

Python | C | C# | C++ | Linux | R | HTML | CSS | Javascript | SQL | Assembly | Trackman | Blast Motion | Rapsodo | Spiideo