

# Ryan Hermes

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## EDUCATION

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### University of Minnesota, Twin Cities

Curtis L. Carlson School of Management

Major: B.S. Management Information Systems | Minor: Finance

Minneapolis, MN

September 2022 - May 2026

## RELEVANT EXPERIENCE

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### UnitedHealth Group

Incoming Summer 2024 Analyst Intern

Minnetonka, MN

June 2024 - August 2024

- In this role, I will perform quantitative & qualitative data analysis to provide business solutions, analyze reporting related to the development and performance of products, assist the team with research projects, and interpret my findings to stakeholders.

### Atland Ventures

Analyst

Minneapolis, MN

January 2024 - Present

- Conducted a thorough analysis and due diligence of early-stage & startup companies to guide venture capital investments.
- Consulted with startup founders to evaluate a pre-seed company and invested \$25,000.

### Ready Credit Corporation

Data Analytics Intern

Eden Prairie, MN

June 2023 - August 2023

- Developed and deployed two flexible, production-ready dashboards by leveraging Python, Javascript, cloud computing resources, & API data.
- Aggregated data from hundreds of kiosks in a map format that enabled easy access to a kiosk's details to extract insights such as kiosk status, customer information, and available cash storage.
- Increased the overall efficiency in operations by decreasing time spent on retrieving data and reports by 2 hours each day, allowing the team to focus on other tasks.
- Used agile methods throughout the development lifecycle, by using Atlassian suite to complete multiple sprints, tailor to user stories, and modify my applications to suit the team's needs.

## LEADERSHIP & INVOLVEMENT

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### Sigma Chi Fraternity

New Member Educator

Minneapolis, MN

September 2022 - Present

- Managed a group of 6 brothers to prepare pledge events and ceremonies throughout the semester.
- Led meetings to educate new members and ensure their commitment to our Fraternity.
- As a member of the Executive Board, I take part in making decisions on behalf of the chapter.

## PROJECTS

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### NFL Big Data Bowl 2024

January 2024

- Built a statistical model for evaluating NFL defenders called the Tackle Factor Predictive Model.
- TFPM is a binomial classification model, predicts tackling performance based solely on a player's BMI, speed, acceleration, and efficiency with 81% accuracy on an ROC curve.
- Utilized Python, and relevant libraries to conduct statistical analysis on a large (1.6 GB) NFL NextGen Stats database, created an 11 page report, and presented my findings to a stakeholder.

### Equity Analyzer (2.0)

2022 - Present

- Designed a fully automated web scraper & stock trading process. This project gathers news articles, evaluates the stocks based on it's news sentiment, and trades the promising stocks on an hourly basis.

## SKILLS

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Python, SQL, R, Microsoft Excel, Tableau, Git, Jupyter Notebooks, Pandas, Scikit-Learn, XGBoost

Data Analytics, Data Science, Business Analytics, Quantitative Analytics