

Ryan Hermes

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EDUCATION

University of Minnesota, Twin Cities *Minneapolis, MN*
Curtis L. Carlson School of Management *September 2022 - May 2026*
Bachelor of Science in Business, Major: Business Analytics, Management Information Systems

RELEVANT EXPERIENCE

UnitedHealth Group - Optum *Minnetonka, MN*
Analytics Intern *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 *Minneapolis, MN*
Analyst *January 2024 - Present*

- Atland Ventures is a fully independent, student-ran, student-owned, for-profit venture capital firm not affiliated with the University of Minnesota nor its Endowment fund with \$2,000,000 AUM.
- Met with startup executives and conducted due diligence to guide investment decisions.

Ready Credit Corporation *Eden Prairie, MN*
Data Analytics Intern *June 2023 - August 2023*

- Aggregated data from hundreds of kiosks to extract insights pertaining to kiosk status, customer information, location tendencies, outages, logistics, and available cash storage.
- Developed and deployed two production dashboards by leveraging Python, Javascript, AWS, & GCP.

PROJECTS

Stock Prediction Model *May 2024*

- Constructed a LSTM deep learning model to assist a trading team in determining potential investments.
- To build the model, I:
 - Web scraped Yahoo Finance & CNBC news, and determined a market sentiment by processing the articles through two NLP models I cloned from HuggingFace and then improved upon.
 - Web scraped two years' worth of SEC insider trading data & level II market data, and calculated indicators such as RSI and MACD to provide more predictive power.

NFL Big Data Bowl 2024 *January 2024*

- Built a classification model to predict NFL players' tackling performance based on physical characteristics.
- Utilized Python and relevant libraries on the 1.6 GB NFL NextGen Stats database, published an 11-page report, and presented my findings to a stakeholder.

LEADERSHIP & INVOLVEMENT

Sigma Chi Fraternity - New Member Educator *September 2022 - Present*

- Led meetings to educate new members, and coordinated an initiation procedure with 100+ active members.
- As a member of the Executive Board, I took part in making decisions on behalf of the chapter.

Data Science Club - Member *February 2024 - Present*

- Participated in Q&A discussions with local data scientists to gain insights into their industry perspectives.

SKILLS

Python, SQL, RStudio, JS, HTML, CSS, Microsoft Excel, Tableau, Git, Jupyter Notebooks, Pandas, Scikit-Learn