

Ryan Hermes

Edina, MN | rryanhermes@gmail.com | (612)-469-1552 | github/rryanhermes | ryanhermes.com | linkedin/in/ryanhermes

EDUCATION

University of Minnesota, Twin Cities

Minneapolis, MN

Curtis L. Carlson School of Management

September 2022 - December 2025

Bachelor of Science in Business, Major: Business Analytics, Management Information Systems

RELEVANT EXPERIENCE

UnitedHealth Group

Minnetonka, MN

Data Science Intern

June 2024 - Present

- Wrangled data via API from multiple sources such as Stripe, Datadog, Qualtrics, and ServiceNow, and synthesized the data to engineer metrics such as ACH adoption rate and Reactive VOC.
- Created a claims payments monitoring dashboard for the E&I eCommerce team to investigate trends relating to payment volumes, declines, refunds, customer satisfaction, and disputes.
- Identified \$200,000 of lost revenue in 6 months due to fraudulent disputes, and built a machine learning model to recognize and alert future cases for the Optum Advisory Services team to address.
- Queried large datasets and worked cross-functionally to identify strategies to improve customer experience.

Aon

Edina, MN

Data Science Intern

October 2024 - Present

- Built a clustering model to segment insurance clients by risk level and risk tolerance to assist the sourcing team in finding new clients that match Aon's Insurance Services risk profile.
- Improved an existing model to forecast property statewide reinsurance trends based on OECD data.

Atland Ventures

Minneapolis, MN

Analyst - SaaS, AI, and Fintech

January 2024 - Present

- Atland Ventures is the first fully independent, for-profit, student-led & owned venture capital firm not affiliated with the University nor its Endowment fund, managing \$2,050,000 in assets.
- Identified startups with high exit potential by building a clustering model that evaluates the founding team, valuation, market growth, retention, and social media sentiment to help guide the sourcing process.

Ready Credit Corporation

Eden Prairie, MN

Analytics Intern

June 2023 - August 2023

- Aggregated data from hundreds of kiosks to extract insights pertaining to kiosk status, customer information, locations, LOB's, outages, and storage leading to a 15% increase in operational efficiency.
- Developed & deployed two dashboards for management using agile methods with Python, JS, Git, & GCP.

PROJECTS

StartupShuffler | Project Lead | <https://rryanhermes.github.io/StartupShuffler>

September 2024 - Present

- Built a site to make discovering seed and pre-seed startups for VC easy and fun. StartupShuffler allows for a convenient way for analysts to view 10,000+ early stage company websites with the press of a button.

Scout AI | Project Lead

July 2023 - January 2024

- Built a Chrome extension available on the Web Store allowing for easy navigation of web articles using AI.
- Led the project development to align with best practices, earning a 'featured' tag and 70+ downloads.

LEADERSHIP & INVOLVEMENT

College of Science & Engineering Data Science Club | Founding Member

February 2024 - Present

- Participated in weekly discussions with local data scientists to gain insights into their industry perspectives.
- Learned how a data scientist at Infinite Campus built a predictive model for student module completion rate and observed the successful deployment and maintenance of the model.

SKILLS

Python, SQL, RStudio, Microsoft Office, Excel, Power BI, Tableau, Git, Jupyter Notebooks, Pandas, NumPy, Scikit-Learn, PyTorch, XGBoost, JavaScript, AWS, GCP, Agile Methods, Bitbucket, Github, Jira