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*
Analytics Intern *June 2024 - October 2024*
- Engineered metrics such as ACH adoption rate and Reactive VOC by synthesizing API data from a variety of sources including Stripe, ServiceNow, Qualtrics and Datadog, improving data accessibility for decision-making.
- 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.
- Leveraged SQL to query datasets and collaborated across teams to improve customer experiences.

Collaboration.ai *Minneapolis, MN*
AI Consultant *November 2024 - Present*
- Aggregated social data for 1,000+ professionals in Global Shapers communities using LinkedIn and Agentic APIs, enabling deeper insights into social networks and the impact of Global Shapers.
- Developing a model to evaluate success within the communities based on social impact and network.

Atland Ventures *Minneapolis, MN*
Analyst - Technology *January 2024 - Present*
- Atland Ventures is the first fully independent, for-profit, student-led & student-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.
- Played a key role in evaluating and passing a $50,000 investment in a MedTech testing strip company.

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.

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*
- Developed StartupShuffler, a web platform enabling venture capital analysts to access 10,000+ early-stage startups with the press of a button through a convenient interface.

easy-eda | *Project Lead* *November 2024 - Present*
- Creating a Python library to allow for holistic visualizations of any dataset, compatible with Pandas.
- With one line of code, dataframes can be analyzed using correlation matrices, distributions, time series, and more.

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