

Carston Hernke

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PROFESSIONAL EXPERIENCE

Slalom Consulting, Minneapolis, MN

July 2019 - present

Analyst, Data & Analytics

ML Data Engineering - Multinational Automaker

- Architected and built data engineering components of an internal ML Feature Store, reducing the amount of time data scientists spend on feature engineering by 90% (Java/Spring Boot, Hadoop ecosystem)
- Onboarded data scientists to the ML Feature Store, taught them how to use the platform, and worked with product designers to bring feedback & bugs to the development team
- Explored and validated technologies for a platform roadmap by building and presenting proofs-of-concept with tools including Spark, Redis, Kafka, and NiFi
- Designed a suite of bespoke performance benchmarks to allow for rapid testing of data engineering optimizations

Data Visualization – Multinational Food & Beverage Company

- Led design process for 12 internal HR dashboards, allowing managers to intuitively transition from high-level workforce metrics to individual employee profiles on a single platform
- Created new Sankey visualizations of employee movement in Tableau, giving senior leaders visibility to talent movement throughout the global organization

Data Pipeline Development & Visualization – Large Medical Device Company

- Transitioned HR representatives from spreadsheet-driven reporting to dashboards built with Alteryx and Tableau, reducing the time each person spends analyzing data by 20 hours/month

Cludo, Minneapolis, MN

January 2019 – May 2019

Data Science Intern

- Owned the ‘Seasonal Intentions’ feature from ideation to production, allowing website creators to see how customer searches on their site change over time (Python, Elasticsearch)
- Conducted competitor analysis to drive product roadmap decisions at an international technology startup

Diffia, Oslo, Norway

January 2018 – May 2018

Business Strategy Intern

- Conducted research and analysis of the Norwegian healthcare procurement process for a Norwegian Medtech startup named ‘Norway’s Best AI/ML Startup’, in preparation for a Series A funding round
- Developed an automated, branded onboarding experience for beta users leveraging Keycloak and CSS

West Monroe Partners, Chicago, IL/ Seattle, WA

June 2017 – August 2017

Advanced Analytics/ Data Engineering Intern

UnitedHealth Group, Minnetonka, MN

June 2016 – August 2016

Technology Development Program Intern

Cargill, Wayzata, MN

January 2015 – August 2015

Global Trading Analytics Intern

EDUCATION

University of Minnesota – Twin Cities

May 2019 Graduation

Curtis L. Carlson School of Management

Bachelor of Science in Business, *magna cum laude*

Major: Management Information Systems; Minor: Computer Science

GPA: 3.7

Honors Thesis: *"Usage, equity, and safety of shared electric scooters: a geospatial analysis of trips taken in Minneapolis, Minnesota"*

University of Oslo, Oslo, Norway

January 2018 – June 2018

Bilateral Student Exchange Program

SKILLS

- Languages: Java, Python, R, SQL, Scala, Go, Bash
- Technologies: Spark, Hive, Oozie, Kafka, NiFi, Elasticsearch, Docker, Redis