

THOM FLAHERTY

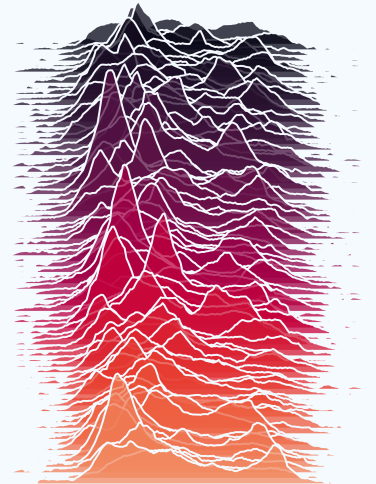
Data Science and Machine Learning Engineer Generalist, with a focus on providing end-to-end modeling solutions. Background in visual and UI/UX design.

EDUCATION

- 2018
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2017
- **M.S., Mathematics, Data Science**
University of Nebraska
Omaha, NE
 - Focused on machine learning and interactive visualizations.
 - Thesis: Tools to Combat the Opioid Crisis
- 2016
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2015
- **B.S., Mathematics**
University of Nebraska
Omaha, NE
 - Tutored upper level mathematics.

INDUSTRY EXPERIENCE

- 2022
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2021
- **Data Science Engineer**
Spreetail
Omaha, NE
 - Worked closely with business stakeholders to develop, deploy, and maintain a multitude of models, providing deep insight and predictive analytics.
 - Developed standard operating procedures while standing up Azure Databricks environments.
 - Optimized models to utilize parallelism via Apache Spark, ensuring scalability.
- 2021
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2019
- **Senior Analytics Developer**
Nebraska Medicine
Omaha, NE
 - Worked to implement, analyze, and validate patient safety and value-driven initiatives.
 - Implemented and maintained RStudio Connect.
 - Built and deployed COVID-19 inpatient forecasting models as well as a community transmission rate calculator.
- 2021
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2020
- **Data Science / Machine Learning Consultant**
The Tvrdik Group
Omaha, NE
 - Built customer experience clustering methods as well as model API solutions.
- 2019
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2017
- **Data Scientist**
Nebraska Methodist Health Systems
Omaha, NE
 - Envisioned, prototyped, and implemented data science and visualization standards.
 - Developed and deployed opioid analysis and visualizations leading to a decrease in provider overprescribing.
- 2017
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2016
- **Data Science Intern**
Nebraska Applied Research Institute
Omaha, NE
 - Utilized a mixed-effects model to analyze and validate nurse retraining.



CONTACT

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LANGUAGES



PACKAGES



CLOUD

