

# THOM FLAHERTY

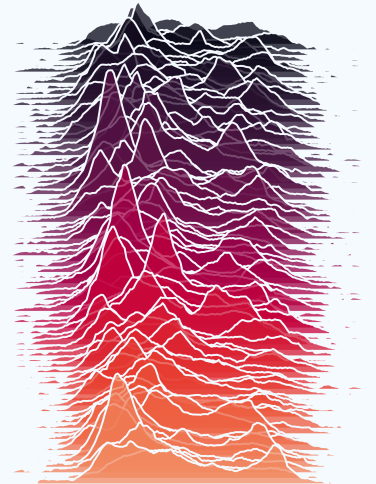
Data Science and Machine Learning Engineer Generalist, with a focus on providing end-to-end modeling solutions. Background in visual and UI/UX design.

## EDUCATION

- 2018 | 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 | 2015**
  - **B.S., Mathematics**
    - University of Nebraska
    - Omaha, NE
    - Tutored upper level mathematics.

## INDUSTRY EXPERIENCE

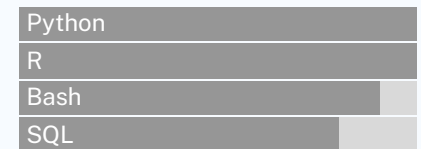
- 2022 | 2021**
  - **Data Science Engineer**
    - Spreetail
    - Omaha, NE
    - Worked closely with business stakeholders to develop, deploy, and maintain a multitude of models, providing deep insight and predictive analytics.
    - Developed standard operating procedures while standing up Azure Databricks environments.
    - Optimized models to utilize parallelism via Apache Spark, ensuring scalability.
- 2021 | 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 | 2020**
  - **Data Science / Machine Learning Consultant**
    - The Tvrdik Group
    - Omaha, NE
    - Built customer experience clustering methods as well as model API solutions.
- 2019 | 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 | 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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in [thomasjohnflaherty](https://www.linkedin.com/in/thomasjohnflaherty)  
📄 [Resume.pdf](#)

## LANGUAGES



## PACKAGES



## CLOUD

