# THOMAS FLAHERTY

Data scientist / engineer with a background in visual, user expereince and user interaction 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

**Current | 2021**

### Data Science Engineer
Spreetail  📍 Omaha, NE

**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 model and community transmission rate calculator.

**2019 | 2017**

### Data Scientist
Nebraska Methodist Health Systems  📍 Omaha, NE

· Envisioned, prototyped and Implemented data wrangling and visualization standards across the data science team.

**2017 | 2016**

### Data Science Intern
Nebraska Applied Research Institute  📍 Omaha, NE

· Utilized a mixed effects model to analyze and validate nurse retraining.

**2015 | 2013**

### Visual & UI/UX Designer
HearNebraska.org/  📍 Omaha, NE

· Devised all information architecture, wire frames and user interaction design across all mobile and desktop platforms.
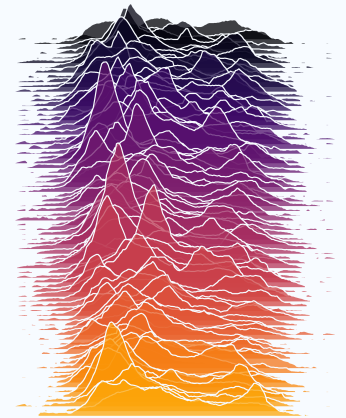
**2013 | 2009**

### Visual Designer
Phenomblue  📍 Omaha, NE

· Worked on a team to concept, create, design and develop a number of applications, websites and interactive installations across many platforms.

## CONTACT

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🐦 @thomasflaherty
 thomasjohnflaherty
in in/thomasjohnflaherty

## LANGUAGES

R
SQL
Bash
Python

## PACKAGES

ggplot2
dplyr
R Markdown
shiny
tidymodels

*Last updated on 2021-05-19.*