

# THOMAS FLAHERTY

Data scientist with a background in visual, user experience and user interaction design. Extremely adaptive and creative problem solver. Can use left and right brain simultaneously to both create and instruct, abstractly or analytically.



## 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  
|  
2019



**Senior Analytics Developer**  
Nebraska Medicine

📍 Omaha, NE

- Currently working on the Clinical Effectiveness team to implement, analyze and validate patient safety and value driven initiatives.
- Implemented and currently maintaining 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

- Worked with data from the Visiting Nurses of America for their retraining efforts using TINE QR tags.
- 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.

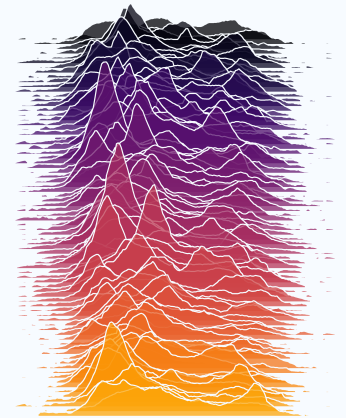
2013  
|  
2009



**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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## LANGUAGES



## PACKAGES



*Last updated on 2021-04-27.*