

# 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.

View this CV online with links at [nickstrayer.me/cv/](https://nickstrayer.me/cv/)



## 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

Current  
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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  
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2017

- **Data Scientist**  
Nebraska Methodist Health Systems 📍 Omaha, NE
  - Envisioned, prototyped and implemented data wrangling and visualization standards across the data science team.

2017  
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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  
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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  
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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 2021-04-05.*