

# Luke Heeringa

## Data Scientist

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Portfolio: [lukeheeringa.github.io](https://lukeheeringa.github.io)  
GitHub: [github.com/lukeheeringa](https://github.com/lukeheeringa)  
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### Skills

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Python Java STATA SQL Matlab R C++ Tableau  
Machine Learning Neural Networks Natural Language Processing  
Data Analysis Web Scraping Data Visualization Git/GitHub

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### Experience

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#### **General Assembly / Data Science Immersive**

NOVEMBER 2020 - MARCH 2021, REMOTE

Applied data modeling, coding, and presentation skills in a 480+ hour course producing machine learning portfolio projects:

- Text classification using reddit API, NLP, and logistic regression
- High school graduation rate prediction via district finance data
- Neural network language identification of MFCC-transformed audio

#### **Action for Boston Community Development / Planning Assistant**

SEPTEMBER 2019 - NOVEMBER 2020, BOSTON, MA

- Distributed, collected, and reported statistical summaries for surveys for the Community Assessment Report and Strategic Plan (CARSP)
- Assembled proposals securing multi-million dollar grant funding for programs like housing, workforce development, and family planning

#### **MassINC / Freelance Research Assistant**

MARCH 2019 - APRIL 2019, BOSTON, MA

- Collected and summarized demographic data on local leadership in Massachusetts' gateway cities for presentation to the Federal Reserve

#### **State Street Bank and Trust / Asset Liability Management**

JANUARY 2017 - JUNE 2017, BOSTON, MA

- Prepared daily Mark-to-Market reports aggregating data from company holdings and Bloomberg bond rates, distributed company-wide
  - Maintained weekly dashboard for Global Treasury department combining Mark-to-Market, capital, and liquidity metrics
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### Education

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#### **General Assembly / Data Science Immersive**

NOVEMBER 2020 - MARCH 2021, REMOTE

#### **Northeastern University / BA, Mathematics & Economics**

SEPTEMBER 2014 - DECEMBER 2018, BOSTON, MA

- Minors in Computer Science and Political Science
- Shakespeare Society founding member, treasurer, and director