

Luke Heeringa

Data Scientist

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Portfolio: lukeheeringa.github.io
GitHub: github.com/lukeheeringa
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Skills

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

Experience

General Assembly / Data Science Immersive

NOVEMBER 2020 - MARCH 2021, REMOTE

Applied data modeling, coding, and presentation skills in a 500 hour course to produce 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

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