

# Conor's resume

Conor Kelly

## Aside

## Contact

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🏠 Boston, MA

## Skills

### Programming Languages and Software

**R:** My main data analysis tool, with experience in intensive data wrangling ( `tidyverse` ), exploratory data analysis ( `ggplot2` ), and regression and machine learning ( `tidymodels` , `caret` )

**Stata:** Data wrangling and regression analysis

**Tableau:** Data visualization and dashboard creation. Experienced designing dashboards for public use and organizational decision-makers

**Python:** Developed experience with `keras` and `tensorflow` machine learning libraries during graduate school, along with `numpy` and `pandas` for data wrangling

**Other Software Tools:** Git/GitHub/GitLab, Excel, Qualtrics

### Skills and Experience

Client management/relationship development; training development and facilitation; survey design and analysis; proficient in Spanish

### Coursework

Econometrics, microeconometrics, machine learning, survey research methods, quantitative political analysis

## Main

## Conor Kelly

Data scientist and team leader. Demonstrated track record of excellence, innovation, and learning/adapting to new tools. Particular expertise in K12 education data and the mess of real-world datasets.

## Education

### *University of Notre Dame*

B.A. Political Science (2014)

Notre Dame, IN

### *Johns Hopkins University*

M.S. Applied Economics (2019)

Washington, DC

## Experience

### *Hanover Research*

Senior Director, Data Analytics

Remote

2019 - present

- Manage team of 10 data scientists responsible for completing all data analytics projects on behalf of Hanover's clients in K-12 education, higher education, and enterprise.
- Instituted new team-wide practices and protocols including version control (GitLab), reproducible code and analysis templates.
- Reduced timelines and resource investment for client projects.

### *Hanover Research*

Content Director

Arlington, VA

2015 - 2019

- Managed research projects and consulting engagements for over 50 education-sector clients. Collaborated with superintendents, heads of school, and directors of research and evaluation to plan and execute research agendas.
- Developed internal tools and analysis templates outside of scope of main role.

### *Hanover Research*

Content Analyst

Arlington, VA

2015 - 2015

- Served as project lead and editor for other analysts in addition to own research work and responsibilities.

### *Hanover Research*

Research Associate

Arlington, VA

2014 - 2015

- Authored research reports for K-12 and higher education clients.

## Volunteer Work

### *The COVID Tracking Project*

Data Analyst and Journalist

Remote

2020

- Maintain daily dashboard of COVID-19 data in the U.S.
- Facilitate data ingestion and presentation for the Long-Term Care data tracker.

This website was created using R Markdown. (<https://rmarkdown.rstudio.com/>)