

# 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

2019  
|  
present

- **Hanover Research**  
Senior Director, Data Analytics 📍 Remote
  - 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.

2015  
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2019

- **Hanover Research**  
Content Director 📍 Arlington, VA
  - 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.

2015  
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2015

- **Hanover Research**  
Content Analyst 📍 Arlington, VA
  - Served as project lead and editor for other analysts in addition to own research work and responsibilities.

2014  
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2015

- **Hanover Research**  
Research Associate 📍 Arlington, VA
  - Authored research reports for K-12 and higher education clients.



## VOLUNTEER WORK

2020

- **The COVID Tracking Project**  
Data Analyst and Journalist 📍 Remote
  - Maintain daily dashboard of COVID-19 data in the U.S.
  - Facilitate data ingestion and presentation for the Long-Term Care data tracker.

## CONTACT

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## 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:** Experience with `scikit-learn` and `tensorflow` machine learning libraries, 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