


# MEGHA JOSHI

Experienced statistician with strong background in causal inference. I drive impact and growth by infusing teams with data-driven insights.



## WORK EXPERIENCE

- 2020 | Present**  
**Graduate Research Assistant**  
The University of Texas at Austin  Austin, Texas
  - Created surveys to collect information on the impact of COVID-19 outbreak on students, faculty and staff at the College of Education.
  - Collaborated with team members and delegated data-analytic tasks.
  - Generated reports to be disseminated to the College of Education.
- 2017 | Present**  
**Graduate Research Assistant**  
The University of Texas at Austin  Austin, Texas
  - Evaluated the impact of a college preparatory program using propensity score analysis with generalized boosted modeling.
  - Integrated large relational datasets containing information on all students in Texas schools from multiple sources. Wrangled the data for analysis.
  - Created technical reports on the findings; communicated findings to stakeholders.
- 2015-2016**  
**Integrated Community Development Intern**  
A Glimmer of Hope Foundation  Austin, Texas
  - Analyzed data related to health, education, water, sanitation, and micro-finance projects carried out by the organization in Ethiopia.
  - Developed a method to estimate the number of people who have benefited from the projects.





## TEACHING EXPERIENCE

- 2015 | Present**  
**Graduate Teaching Assistant**  
The University of Texas at Austin  Austin, Texas
  - Assisted in the following courses: Causal Inference; Data Analysis, Simulation, and Programming in R; and, Statistics in Market Analysis.
  - Effectively communicated complex statistical methods to students with little prior background in the field.

## EDUCATION

- 2020 (expected)**  
**The University of Texas at Austin**  
PhD in Quantitative Methods  Austin, Texas  
  
Thesis: Cluster wild bootstrapping to handle dependent effect sizes in meta-analysis with small sample sizes
- 2014**  
**Bryn Mawr College**  
BA in Art History and Psychology  Bryn Mawr, Pennsylvania

## CONTACT INFO

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For more information, please contact me via email.

## SKILLS

Statistical analysis and data visualization

Causal inference, experimental design, and missing data analysis

Machine learning

R, Python, SQL, Git, Tableau

## R PACKAGE

[simhelpers 0.1.0](#)

*This resume was made with the R package [pagedown](#).*

*Last updated on 2020-07-30.*