

MEGHA JOSHI



WORK EXPERIENCE

- 2020
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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.
 - Cleaned and analyzed the data and created reports to be disseminated to the College of Education.
 - Collaborated with team members and delegated data-analytic tasks.
- 2017
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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
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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
- 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 2020-07-21.