

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
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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.
- Collaborated with team members and delegated data-analytic tasks.
- Generated reports to be disseminated to the College of Education.

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 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, meta-analysis, 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 2020-10-22.