

# MEGHA JOSHI

## EDUCATION

2021  
(expected)

### ● The University of Texas at Austin

PhD in Quantitative Methods

📍 Austin, Texas

Advisor: Dr. James E. Pustejovsky

Thesis: Cluster wild bootstrapping to handle dependent effect size in meta-analyses

Qualifying document: Methods to handle missing data when using propensity score analysis

2014

### ● Bryn Mawr College

BA in Art History and Psychology

📍 Bryn Mawr, Pennsylvania

## EXPERIENCE

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.
- Worked with large datasets, integrating data from multiple sources.

2018

### ● Graduate Research Assistant

The University of Texas at Austin

📍 Austin Texas

- Analyzed data using propensity score matching to evaluate School of Undergraduate Studies programs. Automated creation of reports using R Markdown.
- Conducted a workshop on impact assessment.

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: Data Analysis, Simulation, Programming in R; Research Design; Survey of Multivariate Methods; Fundamental Statistics; and, Statistics in Market Analysis.

## CONTACT INFO

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🌐 [meghapsimatrix.com](http://meghapsimatrix.com)

🔗 [github.com/meghapsimatrix](https://github.com/meghapsimatrix)

📞 469-235-3003

For more information, please contact me via email.

## SKILLS

Experienced in statistical analysis, data visualization, and program evaluation.

Highly skilled in R, Python, SQL, Tableau, Excel.

*This resume was made with the R package **pagedown**.*

*Last updated on 2019-12-02.*