

# Bilal Rehman

Lombard, IL 60148

Phone: 630-240-8069 | E-mail: bilalreh1997@gmail.com | <http://brehma10.github.io>

## EDUCATION

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**University of Illinois at Chicago** – Chicago, IL

December 2019

Bachelor of Science in Applied Statistics

Minor in Finance

**Relevant Coursework:** Econometrics, Business Analysis Using Spreadsheets, Writing for Mathematics, Applied Statistics, Investments, Applied Equity Investment Management

## SKILLS

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**Applications:** Excel, Access, Stata, Minitab

**Languages:** R, SAS, LaTeX, Java

## WORK EXPERIENCE

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**2020 Census Enumerator – U.S. Census Bureau**

July 2020-October 2020

- Conducted interviews with residents in assigned areas while following strict guidelines and confidentiality laws.
- Often had to interview unwilling or uncooperative respondents and find creative ways to acquire the necessary data.
- Required to have strong communication skills to explain complex ideas in simple and concise ways.

## LEADERSHIP SKILLS

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**Apna Wada (nonprofit)** – Lead Volunteer

March 2017-Present

- Assisted with the organization of two fundraising events that raised a combined \$63,000.
- Led a team of 15 volunteers in coordinating various logistics for the fundraisers.
- Collaborated with various vendors in organizing fundraising events for over 450 guests.
- Oversaw budgetary monitoring to ensure efficient reporting.

## TECHNICAL SKILLS

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**Stata Regression**

August 2018-Present

- Created multiple linear regressions with data sets, as well as analyzed their meaning including linear, discontinuity, binary logistic, log-level, level-log, and log-log regressions.

**R Data Analysis and Regression**

January 2019-Present

- Given a .csv file with data entries and asked to provide a data report.
- Asked to find data anomalies, trends, and design multiple detailed graphs +
- Created regression models from raw data.
- Checking regression assumptions with Shapiro-Wilks tests and other tests
- Adjusted data to meet regression assumptions by using box-cox transformation.
- Used ARIMA models for time series models.

**Microsoft Access Database Management and Service**

August 2018-December 2018

- Designed an Access database for thousands of entries of raw data from a hypothetical distribution company.
- Made data queries so that users can easily access relevant data.
- Reviewed and adjusted data errors and incomplete entries on excel.

**LaTeX Papers**

September 2018-December 2018

- Used LaTeX to write multiple math-based papers for audiences ranging from limited math backgrounds to highly educated math majors.
- Adjusted technical language to suit the level of understanding of the audience.
- Utilized LaTeX to insert graphics, graphs, and tables.