

Bilal Rehman

Lombard, IL 60148

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

SUMMARY

Enthusiastic recent college graduate with a robust understanding of statistics and experience with modern analytic tools accompanied by a desire to learn. A highly adaptable leader with strong communication skills and a powerful work ethic alongside a passion for statistics, finance, and economics. A highly capable individual seeking an entry level position in data science.

EDUCATION

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

Certification: Pursuing a Data Science certification

WORK EXPERIENCE AND PROJECTS

2020 Census Enumerator – U.S. Census Bureau

July 2020-October 2020

- Organized and led interviews with residents in designated areas in highly regulated industry.
- Employed multiple technologies and interpersonal skills to achieve high participation goals.
- Delivered the results to the supervisory team in an organized manner both at a summary and detailed level.

Project – Absenteeism During Work Time

February 2021

- Employed data science techniques to find ways to maximize productivity for a fictional business.
- Applied preprocessing to data from a real-world study on absenteeism.
- Utilized logistic regression to create a predictive model which used employ information to forecast absenteeism.
- Presented the model in tableau and provided practices to improve productivity based on defined models.

Project – Maximizing Movie Studio Revenue

November 2019

- Led a group of 3 to create a regression model for a mock movie studio to predict and maximize profits from movies.
- Performed project management tasks, such as, assigning individual roles, managing deadlines, and schedules.
- Recommended and presented action items to maximize revenue based on supported data analytics.

TOOLS AND SKILLS

Applications: Excel, Stata, Minitab, Microsoft Office, Tableau

Languages: R, Python, SAS, LaTeX, HTML5

Machine Learning in Python

January 2021-Present

- Designed a basic neural network.
- Utilized cluster analysis and logistic regression.

R and Python Data Analysis and Regression Modeling

January 2019-Present

- Employed R, Python, and Stata to construct regression models.
- Tested the validity of linear regression models by checking regression assumptions.
- Developed time series models in R with ARIMA functions.

VOLUNTEER WORK

Apna Wada (nonprofit) – Lead Volunteer

March 2017-Present

- Organized and led two fundraising events that raised a combined \$63,000.
- Managed a team of 15 volunteers and vendors in coordinating logistics for fundraising events for over 450 guests.