

ALISHA RAMDEEP

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EDUCATION

University of Texas at Austin, Bachelor of Arts, Economics

- 8/28/2019 – Present
- Certificate in Applied Statistical Modeling
- GPA 4.0/4.0

AWARDS/HONORS

Undergraduate Research Fellow in Economics

- Compiled, cleaned, merged, and analyzed large datasets using STATA
- Assisted economics Ph.D. candidate in researching and analyzing questions related to race, education, and income
- Awarded research stipend

Distinguished College Scholar

- Ranked in top 4% of students in the College of Liberal Arts at UT Austin

University of Texas Liberal Arts Honors Program

- Selective honors program for students in the College of Liberal Arts at the University of Texas.

RELEVANT COURSEWORK

- **Mathematics:** Differential Calculus, Integral Calculus, Game Theory, Applied Statistics
- **Statistics:** Probability and Statistics, Biostatistics (Statistics and Data Science Course), Bioinformatics (SDS Course)
- **Economics:** Microeconomic Theory, Macroeconomic Theory, Economic Statistics, Econometrics

CODING COURSES

R Programming

- Advanced R Programming, a course by Johns Hopkins University on Coursera.
- Certificate earned on August 8, 2019.
- Additional experience from SDS 328 and SDS 348 at UT Austin
- Performed statistical tests/analysis and constructed graphics, PCA, k-means/clustering, bootstrapping, logistic regression, MANOVA

Visual Basic for Applications Programming (VBA)

- Excel VBA for Creative Problem Solving, a three-course specialization by the University of Colorado Boulder on Coursera.
- Certificate earned on August 18, 2020.
- Automated and optimized spreadsheets using loops
- Completed real-world projects

STATA

- Econometric and regression analysis, hypothesis testing, and graphing
- Cleaning, commenting, editing do-files

Python

- Experience from SDS 348 at UT Austin
- NumPY, Pandas, Hypothesis Testing, Basic scripting and RegEx functions

SKILLS

Programming: R (tidyverse, R Markdown), Visual Basic for Applications (VBA), Stata, MS Office (Office, Word, etc.), Python

Languages: Hindi (Native/Bilingual proficiency; speaking, reading, writing)

