ALISHA RAMDEEP

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EDUCATION

The University of Texas at Austin; Bachelor of Arts, Economics   **Expected Grad: Dec. 2021**
- Minor/Certificate in Applied Statistical Modeling
- GPA: 3.984/4.0
- Distinguished College Scholar: Ranked in the top 4% of students at UT Austin

RELEVANT COURSEWORK

- **Economics:** Microeconomic Theory, Macroeconomic Theory, Economic Statistics, Econometrics, Public Economics/Finance, Labor Economics
- **Math:** Multivariate Calculus, Linear Algebra, App. Statistics, Differential Equations, Mathematical Statistics, Game Theory
- **Statistics:** Probability, Biostatistics (Statistics and Data Science Course w/ R), Bioinformatics (SDS w/ R)

EXPERIENCE

Research Assistant in Economics   **Feb. 2021 - Aug. 2021**
- Compiled, cleaned, merged, and analyzed large datasets using STATA
- Assisted economics Ph.D. candidate in researching and analyzing questions related to economics and education
- Awarded research stipend

Sanger Learning Center - Supplemental Instruction Leader, Paid Position   **Aug. 2021-Present**
- Student instructor for university's Economic Statistics class (ECO 329), a class in which students are at high risk for failure
- Developed problem sets, lesson plans, and instructed bi-weekly sessions to creatively and effectively communicate concepts related to economics, probability theory, statistical analysis, and R programming

University of Texas Intercollegiate Athletics - Content Tutor, Paid Position   **May 2021-Present**
- Assisted student-athletes in mastering course-specific content related to economics and political science
- Demonstrated strong and complete working knowledge of economics and political science

CODING EXPERIENCE

R Programming
- Advanced R Programming, a course by Johns Hopkins University on Coursera
- Introduction to R, a course by DataCamp
- 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

Visual Basic for Applications Programming (VBA)
- Excel VBA for Creative Problem Solving, a three-course specialization by the University of Colorado, Boulder on Coursera.
- Automated and optimized spreadsheets using loops
- Completed real-world projects

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