**CALEB SKINNER**

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2727 Revere St Apt 3014 Houston, TX 77098

**EDUCATION**

**Baylor University –** Waco, TX

* Bachelor of Business Administration May 2024
* Majors: Business Fellows, Statistics, Economics, Mathematics
* Minor: Political Science
* Honors Program
* Overall GPA: 3.97
* General GRE Quantitative: 170

**Rice University** – Houston, TX

* Accepted Position for PhD in Statistics

**HONORS AND AWARDS**

* Getterman Scholar – Full Ride Scholarship to Baylor University 2020 – 2024
* Crane Scholar – highly selective program connecting faith and reason; attended seminars, monthly discussions with cohort and faculty on pertinent literature
* Dean’s List – Fall 2020, Spring 2021, Fall 2021, Spring 2022, Fall 2022, Spring 2023, Fall 2023
* Government Competition (We the People) 2nd in State of Arizona, Nationals Qualifier 2020

**STATISTICAL EXPERIENCE**

*Sports Analytics Club – Vice President* August 2021 – Present

* Collaborated with Statistics PhD student Ryan Hebdon to develop a website (with R’s ShinyApp) filled with numerous interactive visualizations and tables utilized by Baylor baseball’s staff.
* Met biweekly with a Baylor baseball coach to discuss future projects and present analysis and discoveries that will assist in player development.
* Developed a model that analyzes college football and predicts future results.

*Global Health Survey* August 2022 – November 2022

* Created a substantial report for a research paper assessing the state of Global Health among undergraduate students.
* Using R and R Quarto, produced ~50 pages of visualizations and statistical analysis that summarized responses from forty-question survey.

*Football Analytics Blitz* February 2022

* Analyzed NFL data from 2021 to create a comprehensive game-strategy in Syracuse University’s case competition.
* Produced visualizations justifying decisions and presented conclusions to a panel of judges.

**PAPERS**

* **Skinner, C.;** Sturdivant, R., “Is Momentum Real: On the Existence and Influences of Psychological Momentum in Tennis”
* [2024 Mathematical Contest in Modeling Problem C Author](https://www.mathmodels.org/Problems/2024/MCM-C/index.html)

**WORK EXPERIENCE**

**SCORE Network Material Developer**

*Baylor University, Department of Statistics,* Waco, TX May 2023 – August 2023

* Developed three 20-50-page interactive lesson plans that communicated complex statistical concepts using extensive data from three sports.
* Researched and compiled formulas, explanations, and examples fit for teaching cluster analysis, inter-rater reliability, and logistic regression.
* Produced modules fit for teaching these concepts in an understandable, interactive, and engaging way using the programming languages R-Markdown and ISLE.
* Organized and manipulated unclean data sets with dozens of variables and thousands of observations in R tidyverse. Visualized data with rich graphics and readable tables in a pedagogical manner.
* Collaborated with and presented updates to Baylor University Statistics Professors Dr. Rodney Sturdivant, Dr. Joshua Patrick, and Dr. Michael Gallagher.

**Travel Awards Consultant**

*Baylor University, Graduate School,* Waco, TX May 2023 – Present

* Processed applications from graduate students requesting financial assistance as they present research.
* Frequently communicated with students and resolved conflict over discrepancies within the application process.
* With Excel, organized and refined the process while documenting procedures for future workers.

**Undergraduate Economics Research Assistant**

*Baylor University, Economics Department,* Waco, TX September 2023 – Present

* Researched and developed a data set for Dr. Mark Hoekstra for an Economic Research paper he hopes to publish.
* Discussed and brainstormed the design of the research.

**Residence Hall Front Desk Assistant**

*Baylor University, Graduate School,* Waco, TX August 2021 – September 2022

* Greeted students as they entered and left the residence hall. Encouraged social events and built relationships with isolated students.
* Supported students with various problems and questions. Provided aid to incoming phone calls.
* Maintained a clean environment and communicated effectively with numerous schedule changes.

**Honors Line Camp Leader**

*Baylor University, Campus Living and Learning,* Waco, TX July 2021, July 2022

* Led 14 incoming Freshman in a 4-day orientation camp; building relationships and encouraging students as they confronted fears and prepared for college.
* Facilitated emotional and enriching small-group conversations while adhering to University guidelines and a strict, filled schedule.

**Legal Assistant**

*Gallagher & Kennedy,* Phoenix, AZ May 2021 – August 2021

* Worked directly with Attorneys Shannon Clark and Matt Boatman, reported findings to lawyers and provided suggestions on legal cases.
* Researched dense material for more than 10 personal injury cases. Documented, summarized, and created reports for several depositions, financial documents, and medical records.
* Summarized accident material and drafted 2 Demand Letters for personal injury cases. Organized files and edited them for clarity.
* Communicated with other law firms and businesses to retrieve documents and needed information.

**Math Tutor**

*Mathnasium – The Math Learning Center,* Chandler, AZ September 2019 – February 2020

* Assisted kids from kindergarten to high school in their math skills by creating learning plans and establishing strong study habits.
* Supervised 2 to 4 students at a time and worked through difficult problems when needed. Corrected students in a constructive manner and maintained a healthy working environment.

**COMMUNITY SERVICE**

*STARS Book Club Reading Buddy – Crestview Elementary,* Waco, TX August 2021 – May 2023

* Established strong friendships with two fourth-fifth grade students during weekly lunches. Watched their joy and love for books grow.
* Read over 5 books with students, improving reading skills from far below reading level to near standard in 2 years. Corrected students when needed; provided support and mentorship.

*Grace Church Waco Member,* Waco, TX August 2020 – Present

* Led a weekly college Bible Study of 5 students for over a year, facilitating conversations and establishing friendships with potentially isolated students.
* Participated in childcare, supervising up to 10 children aged two to twelve during worship and small groups. Created short lessons, sang, and played with kids.

*Assistant Tennis Coach at Live Oak High School,* Waco, TX January 2022 – April 2022

* Led 15 high school students in weekly practices, creating drills and illustrating correct form.
* Supervised activities, encouraged students during match-play, and frequently instructed students individually.
* Practiced weekly with a high school player who later won the Texas State Championships.

**LEADERSHIP AND ACTIVITIES**

*Honors Residential College Leadership Team, Social Committee -* Waco, TX August 2021 – May 2023

* Introduced freshman students to a vibrant community by orchestrating dozens of community events.
* Reached out to isolated students by catering events to their interests.

**SKILLS**

* Highly Proficient in R
* Course Experience with Python
* Course Experience with STATA
* Highly Proficient in Excel

**RESEARCH INTERESTS**

* Time Series Analysis
* Bayesian Statistics
* Causal Inference
* Survival Analysis
* Behavioral Economics