Ronald Mark Herndon II

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EDUCATION

The University of Texas at Austin, Austin, Texas   May 2027
Bachelor of Science: Statistics and Data Science
International Business Minor
GPA: 3.5

Relevant Coursework: Elements of Data Science, Data Visualization, Elements of Statistics, Elements Software Design, Linear Algebra

SKILLS

Technical Skills: R, Python, SQL
Relevant Skills: Multiple Linear Regression, statistical modeling, statistical inference, Monte Carlo Simulation, Experimental Design, Probability Models, Python Data Visualization, Sci-kit learn

EXPERIENCE

GULF KING SEAFOOD, Corpus Christi, Texas   January 2024 - August 2024
Internship
- Analyzed sales data for various seafood products to drive data-driven decision making regarding inventory.
- Organized company financial files and invoices to facilitate information access
- Researched and conducted meetings with potential customers and partners to foster new opportunities.

PALMILLA GOLF RESORT, Port Aransas, Texas   May 2022 - August 2022
Guest Services Specialist
- Attended to resort guests and upkept company amenities
- Maintained all areas of the resort including the pools, dining areas, and beach area

PROJECTS

PREDICTING HOUSING PRICES USING MACHINE LEARNING: September 2024
- Developed a machine learning model in R utilizing supervised learning methods to predict housing prices using retrospective data on housing prices in Saratoga county, NY
- Developed a final report leveraging statistical analysis to identify relationships between x and y.

SIMULATION STUDY ON LUCK AND SUCCESS: June 2024
- Developed R simulation modeling the role of random outcomes in achieving success by modeling scores with weighted components and resampling techniques.
- Implemented MONTE-CARLO simulations and statistical resampling methods to examine the variability and impact of random factors in selection outcomes.
- Optimized simulation performance and refined data structures and data generation

INTERACTIVE DATA VISUALIZATION PROJECT: December 2023
- Developed an interactive Shiny Web Application using IQ data across countries to see how trends varied according to respective country GDP and economic growth.

LEADERSHIP & COMMUNITY INVOLVEMENT

NEIGHBORHOOD LONGHORNS PROGRAM, Austin, Texas   September 2023 - December 2023
Volunteer
- Volunteered at Ortega Elementary School in Austin to tutor children in mathematics and science