

# Sagar Patel

(806) 368-2951 | patels250@yahoo.com | Austin, TX 78705  
sagarpatel.netlify.app | linkedin.com/in/sagar-j-patel

## EDUCATION

**The University of Texas at Austin**, Austin, TX

May 2021

*Bachelor of Science and Arts, Biology*

3.67 GPA

Certification in **Elements of Computing**

**Relevant Coursework:** Biostatistics, Computational Biology & Bioinformatics, Data Visualization, Graphics & Visualization, and Software Engineering

## TECHNICAL SKILLS

- Proficient in Python, R, Microsoft Suite; Exposed to JavaScript

## PROJECTS

**Modeling, Testing, and Classification**

Spring 2020

- Utilized R and data from Pro-Football-Reference to perform modeling and testing upon individual player statistics from the 2019 NFL season.
- Tested data with MANOVA, randomization, and t-tests to determine significant differences between player positions and teams.
- Created linear, logistic, and LASSO regression models to determine player awards based on individual statistics.

**Exploratory Data Analysis with Tidyverse Tools**

Spring 2020

- Utilized R and data from Pro-Football-Reference to perform exploratory data analysis upon individual player statistics from the 2019 NFL season.
- Applied the Tidyverse package in R to tidy and join data sets, visualize data, and perform PAM clustering.

**Marriage Rate General Linear Model Analysis**

Spring 2019

- Utilized R and data from the United Nations to create a general linear model to study the effects that life expectancy and per capita GDP have on a country's marriage rate in young adults.
- Created and presented a poster with descriptive statistics, analysis results, and data visualization.

## EXPERIENCE

**SureStay Plus by Best Western**, Lubbock, TX

May 2020 – January 2021

*Front Desk Clerk*

- Responsible for guest check-in/check-out and ensuring customer satisfaction at a 112-room hotel.
- Identified and conveyed recommended dining and entertainment options in the local area to guests.
- Communicated with housekeeping staff to ensure efficient and quality service for guests.

## LEADERSHIP & COMMUNITY INVOLVEMENT

**Gamma Beta Phi Honor Society**, Austin, TX

August 2018 - Present

*Fundraising Director*

- Organized and coordinated fundraising events such as profit shares and bake sales to raise over \$1,000.
- Collected and transferred funds from sponsors to the treasurer.
- Promoted and encouraged members to attend upcoming fundraising events.

**Austin Pets Alive!**, Austin, TX

August 2018 - Present

*Volunteer*

- Followed schedules and guidelines to ensure all dogs are fed and walked.
- Maintained the shelter campus by doing laundry, organizing materials, and executing emergency protocols in the event of inclement weather.