

# Sunny Patel

sunnyp2330@gmail.com | +1 (469) 688-3146 | <https://sunnypatel.netlify.app>  
[github.com/sunnypatel24](https://github.com/sunnypatel24) | [www.linkedin.com/in/sunnypatel2330](https://www.linkedin.com/in/sunnypatel2330)

## EDUCATION

### University of Texas at Dallas (August 2020 – Present)

Major: BS Computer Science

GPA: 3.64/4.00

Expected Graduation: December 2022

### University of Texas at Austin (August 2018 – May 2020)

Major: BS Chemistry (Some College)

GPA: 3.30/4.00

## WORK EXPERIENCE

### RealPage Inc

Developer Intern

Feb 2021 – Apr 2021

Richardson, TX

- Created 50+ CRUD API's to manipulate information in databases and provide new functionality and features for websites.
- Wrote 200+ unit tests for API's to increase code coverage of the code base and ensure functions passed test cases.
- Worked on writing and revising documentation to include the description of the API and what it does, examples of API usage, and sample input parameters.

### Santander Consumer USA

Technology Intern (IT - Information Security)

Jun 2021 – Aug 2021

Dallas, TX

- Wrote and tested automation scripts (Python) using Demisto to retrieve file data, send formatted data to various departments, add edge cases, and perform validation checks.
- Assisted in evidence collection of over 150+ documents from 10+ departments for the 2021 refresh period.
- Performed validations using Splunk to ascertain whether certain fields or events occurred in the Santander Consumer entity.

## PROJECTS

### Guitar Hero

Java

- A program that simulates 37 guitar sounds by allowing the user to "pluck keys" by pressing specific keys on the keyboard. This was implemented using a Queue and Array to model a ring buffer data structure. Program creates guitar string objects of a given frequency by using a sample rate. Sets the ring buffer to white noise and then advances the simulation by one step. Computes the superposition of the samples and sends them to standard audio.

### Random Recipe Generator

Python

- A program to generate 240+ random food recipes based on 10+ categories and 20+ distinct cultural origins. Random recipes are generated using theMealDB API. Program will generate name, category, area, instructions, picture, video, a list of ingredients with corresponding measurement amounts, and a website link for a random recipe.

### Twitter Quote Bot

Python

- A Twitter bot that will tweet quotes by web scraping information from a quotation website. Once the information has been scraped, it is written into a text file and read from by the bot to create the tweet, which will then appear on the timeline after the tweet has successfully been sent. Made using the Tweepy API library.

\*More projects available on my Github and portfolio website.

## PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

### Lions Club

Active Member

Jan 2019 – Jan 2020

Austin, TX

- Participated in several different types of service events for the community, including cleaning up local parks; washing and drying clothes for homeless people through Operation Clean Clothes; walking animals at Austin Animal Shelter; and distributing food during the Austin Marathon.

## SKILLS

**Programming Languages:** Java, Python, C++, C#, HTML, CSS, JavaScript

**Frameworks/Libraries:** React, Spring/Spring Boot, Entity Framework

**Tools/Technologies:** SQL, Unix/Linux, Git, Github, Visual Studio, IntelliJ, API/JSON, Microsoft Office, Google Suite, Azure TFS, Demisto, Splunk