# SHRUTI PATEL

(512) 659-1901
7625 Crackling Creek Dr. Austin, TX. 78736
Shruti.p2003@gmail.com

## EDUCATION

### James Bowie High School
- August 2017 - Present
- Expected graduation: June 2021
- Rank: Top 1.4% (10/678)
- GPA: 4.44/5.0

**AP Exams Taken:**
- AP Calculus BC: 4
- AP Environmental Science: 4
- AP World History: 4

**AP Classes Currently Enrolled In:**
- AP Computer Science A
- AP English Literature and Composition
- Multivariable Calculus at University of Texas at Austin (M408D)

## SKILLS
- Programming Languages: Python, R, Java, Excel, Swift, C, CSS, HTML, Javascript
- Spoken Languages: Gujarati, English, Hindi, Spanish

## AWARDS
- 2019 TAKE Best in Texas Journalistic News Story
- 2018 Trustee Award Recipient
- 2019 Trustee Award Recipient
- 2020 Trustee Award Recipient
- 2020 Computer Art Honorable Mention
- 2020 TAKE COVID-19 Coverage for Journalism

## WORK EXPERIENCE

### Kumon Math and Reading Tutor
Tutoring Company | *October 2019 – Present*
- Provide instruction to individual or small groups of students to improve academic performance in math and reading, improve occupational skills, and prepare for standardized tests
- Completed logs and updated student documents for institutional record keeping

### Texas Ally Real Estate Web Developer Intern
Real Estate Group | *July 2020 – August 2020*
- Created a realtor licensee holder's website using HTML and CSS
- Write, design, and edit web page content while integrating MLS database

### Private Tutor
Tutoring Company | *January 2020 – Present*
- Collaborate with students and parents to determine student needs, develop tutoring plans, and offer assistance in various subjects like math, reading, and science

### ITTech Systems Intern
IT Consulting Company | *May 2019 – August 2020*
- Design, build, and maintain websites using programming languages, content creation tools, management tools, and digital media
- Test programs and databases, correct errors and make necessary modifications

## RESEARCH EXPERIENCE

### Research Assistant, Dr. Al Mackrell The University of Texas at Austin
Laboratory Research | *August 2019 – Present*
- Analyzed splice variants of RBM5 gene to study the mechanisms of the tumor suppressor gene
- The purpose of the project was to induce cell cycle arrest which has important implications in cancers, such as lung cancer
- Skills: Transformation, Gel Electrophoresis, PCR, and Nanodrop

## EXTRACURRICULAR ACTIVITIES

### Girls Who Code, Co-Founder and President August 2018 – Present
Nonprofit Organization | *August 2018 – Present*
- Worked to close the gender gap in the tech courses at school
- Partnered with females in the tech industry to share their stories
  - H.E.B. Engineers and UT Computer Science Graduates
- Hosted monthly meetings and offered local opportunities to get young girls more involved in tech like the Microsoft PopUp and Kode With Klossy

## OTHER ACTIVITIES

- National Honor Society, August 2020 – Present
- National Hispanic Honor Society, January 2017 – Present
- **Red Cross Club** August 2017 – August 2019
- **Key Club,** September 2018 – September 2019
- **Basketball,** August 2015 – May 2017 **Track and Field** August 2015 – May 2017

## SUPPLEMENTAL COURSES

- Computing in Python I: Fundamentals and Procedural Programming, Georgia Tech Student
- IOS Development, Udemy
- Student Web Developer Bootcamp, Udemy
- CS50, Harvard University

## INDEPENDENT PROJECTS

- EZVote: A simple app to help young voters get politically active; published on the app store October 2020 and advertised on Karlie Kloss's instagram, reaching nearly 9 million people.

## EXTRACURRICULAR ACTIVITIES CONT.

**Dispatch News, Editor in Chief**

Student-led newspaper publication | *August 2017 – Present*

- Accountable for editing, publishing, creating content, and designing the Dispatch Online news publication, a student-led newspaper publication
- Conducted editorial meetings with staff members to collaborate and review proposed publication suggestions

**UNICEF Club, Co-Founder and Co-President**

Nonprofit Organization | *August 2018 – Present*

- Hosted monthly meetings and volunteer work to help children in the Global South
  - Texas Food Bank food drive, Cards for Hospitalized Kids, COVID-19 fundraiser
- Advocated for the protection of children's rights to help meet their basic needs and to expand their opportunities to reach their full potential
- Created an iOS application for the club to serve as an information hub for my community

**BAPS Charities, Networking Leader**

Nonprofit Organization | *June 2006 – Present*

- Prepared, coordinated and distributed information about religious holidays through acting and dancing
- Taught children about religious holidays and helped build theatre stages and various graphic designs for Sunday gatherings

**Kode with Klossy, Scholar**

Coding Camp | *July 2020 – Present*

- Created EZ Vote, a user-friendly app to get young voters involved in the political race, published on the app store.
- Learned full-stack web development and app development in a selective and intensive learning environment using CSS, HTML, Java Script, Swift, and Xcode

**Health Through Science, Co-President October 2019 – Present**

Organization | *October 2019 – Present*

- Led groups of students in various events to learn more about the medical field
  - Dell Medical School Stop the Bleeding Webinar, Dell Medical School Physician Conference
- Judged science fairs for elementary schools locally and aided students in the experimental process of creating a science project

**Double the Chai Blog, Founder**

Lifestyle Blog | *October 2019 – Present*

- Tackled topics like global climate change, racial injustices, and the COVID-19 pandemic
- Marketed blogs on social media and utilized WordPress to publish content