

Kushal Pachchigar

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Education - *The University of Texas at Austin*

- *Bachelor of Science in Computer Science*, GPA: 3.67/4.0 Expected Graduation: May' 21
- Certifications: *Applied Statistical Modeling, and Business Foundations*
- **Relevant Coursework:** Data Structures, Computer Architecture, Principles of Computer Systems, Software Engineering, Algorithms, Statistical Interference

Experience

Goldman Sachs – Python and React Dallas, TX
Middleware Engineering team, Summer Analyst June' 20 – Aug' 20

- Developed a self-service tool to allow database sharing for teams across 18 engineering divisions
- Exposed backend REST APIs which abstracted to list, describe, and create Snowflake DB shares
- Implemented intuitive UI portal and automated processes for database operational engineers

The University of Texas at Austin Austin, TX
Math Department, Learning Assistant Jan' 18 – May' 20

- Provided one-on-one mentorship to help understand the core concepts of Calculus classes
- Assisted multiple professors in flip classroom setting to help answer any questions from students
- Shadowed graduate TAs, held office hours, and helped with administrative responsibilities

Personal Projects

Consultant Portal – Python and React: May '20

- Created an online consultant portal -- Webpage Application with a Master Account
- Options to send automated email with user query via contact us page, and password reset link

HackTX'19 – JavaScript and MongoDB: Sept' 19

- Developed a chrome extension which shows registration waitlist information for UT courses
- Collaborated with other students to bring functionality to over 20,000+ UT users

TamuHack'19 – Swift: Feb '19

- Designed an iOS-based app to control basic car function using SmartCar REST APIs
- Features include locking/unlocking the car door, track the location, extract the odometer readings

Evil Hangman Game – Java: Oct '18

- Designed an algorithm to keep track of list of pre-defined words based on each user guess
- Leveraged advanced data structures to implement different difficulty levels with a malicious agent

Skills and Interests

- Proficient in Java, Python, C, React, REST APIs, Version Control: Subversion, GIT
- Familiar with, Swift, CSS, HTML, JavaScript, SQLAlchemy, x86
- Seeking a **Full-time position** to implement my development, design, and problem-solving skills

Honors and Extracurriculars

- Placed **Second in DataHack2019** at UT Austin
- Volunteered for organizing some of the contests by **ACM, UT Austin**
- Active in learning how to cook, play piano and guitar