

Kushal Pachchigar
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OBJECTIVE

Seeking a Software Engineering Internship for Summer 2019

EDUCATION

Bachelor of Science, Computer Science

May 2021

The University of Texas at Austin, Texas

Cumulative GPA: 3.78

Certifications:

- Applied Statistical Modeling Certificate, Department of Statistics and Data Science, UT Austin (In Progress)
- Business Foundations Certification, McCombs School of Business, UT Austin (In Progress)

Relevant Coursework: Data Structures, Computer Architecture (Spring 2019), Competitive programming (Spring 2019), Statistical Learning/Interference (Spring 2019), Data Analysis for Health Science (Spring 2019).

PROJECTS

- **Huffman Coding:** focus on encoding/decoding files with any extension using multiple Huffman coding techniques in java. Encode/Decode on binary level using data structures including trees, maps, lists, and techniques including recursion, binary input/output. (Team effort)
- **Evil Hangman Game:** build a biased version of hangman game where the pre-defined word was chosen based upon each guess that user made, making it next to impossible to win the game and hence the name, Evil Hangman.

SKILLS

Technical Skills: Proficiency in Java, exposure to C, exposure to working with APIs

Passion for learning, self-motivated.

Languages: Fluent in English, Hindi, Gujarati.

EXPERIENCE

TamuHack 2019

January 2019

SmartCar: Worked in a team to develop a react based app that controls the features of the car like locking and unlocking the car, track the location of the car and read the odometer readings. All done through working with an API from the company named SmartCar.

- Integrated the authentication of user to the react based app. Helped design the app.

Learning Assistant for Calculus

August 2017 - Present

Department of Mathematics, UT Austin

- Facilitated students' understanding of mathematical concepts of calculus
- Volunteered time to tutor students on one-to-one basis

ACTIVITIES & LEADERSHIP

Active member, Association for Computing Machinery, UT Austin

2018 – Present

Volunteer for managing a blood donation camp, Lions Club, India

2016