

# Dhruv Maniar

Lubbock, TX, 79401 • dmaniar@ttu.edu • 806 401 2727

<https://www.linkedin.com/in/dhruvmaniar/> | <https://github.com/Dhruvbam> | <https://dhruvmaniar.me>



## EDUCATION

### Texas Tech University

*Bachelor of Science in Computer Science / Minor in Mathematics*

*Anticipated Graduation: May 2024*

## SKILLS / AWARDS

- **Programming Skills:** C, C#, Python, JavaScript, HTML, CSS, PHP
- **Relational Databases:** SQL, MySQL
- **Frameworks, Data Science, Tools:** Numpy, Pandas, Matplotlib, VS Code, Bootstrap, GitHub/Git, AWS
- **Awards:** Texas Tech Presidential Merit Scholarship, President's List, Dean's List.

## EXPERIENCE

### First-Generation Transition and Mentoring Program, Texas Tech University, USA

*January 2023 – Current*

#### Marketing and Social Media Student Assistant

- Assisting the FGTMP in promoting events by creating content such as writing social media posts, designing graphics, creating videos and developing infographics for various social media platforms.
- Analyzing market data to prepare reports, provide insights and recommendations to help develop effective marketing strategies for the target audience.

### Archer Hotels and Resorts Pvt.Ltd, Lonavala, India

*August 2020 – December 2020*

#### Front End Developer

- Designed and modified the homepage using HTML5, CSS, JavaScript & PHP for Resort Silver Hills.
- Managed website data using CMS softwares to optimize backend data.
- Designed and developed a digital menu card for the culinary department using visually appealing illustrations, adobe photoshop, coral draw and illustrator applications for website content.

## TECHNICAL PROJECTS

### AI Game (C#, Unity)

- Designed a 3D environment and implemented an intelligent (Artificial Intelligence) foe, which can navigate the world using a finite state machine in C# and NavMesh in Unity.
- Implemented communication between user interface stimulus and AI engine.

### Website (HTML, CSS, JavaScript, Bootstrap)

- Designed and developed a mobile first responsive website to engage in digital presence.
- Utilized JavaScript and CSS to add effects and optimize UI.

### Weather Max (Flask, Jinja, Python, HTML, CSS, JavaScript, REST API)

- Created an application to view live weather and 30 days of forecast of over 200,000 cities globally using search options.
- Connected to OpenWeather and OpenLayers APIs to show maps and made a mobile first responsive application.

### Digital menu (HTML, CSS, JavaScript, Coral draw, Photoshop)

- Designed and developed a digital version of the menu card for the culinary department with fully interactive user interface for website content.

### Dual-Tone Multi-Frequency Encoder and Decoder (Python, NumPy, Matplotlib, Pandas, Pyplots, SciPy)

- Built an encoder & decoder for telephone keypad digit sounds based on sound frequency.
- Decoded over 280 wav sound samples using their frequency graph to analyze and visualize data sets.

## INVOLVEMENT

### Student Government, Cathedral Vidya School

*June 2020 - May 2021*

#### Wilson House Captain

- Elected as the captain for the Wilson house, which consists of 200 students.
- Maintained a high level of commitment throughout the year to promote and organize sports events, cultural events, and academic competitions while encouraging and motivating the teams.
- Won the Cock-house trophy for the best house.

### Model United Nations, India

*October 2019*

#### Chair of the International Monetary Fund committee

- Chaired a committee of 40 delegates with the responsibility of maintaining the flow and enforcing the rules.
- Guided and helped all my delegates with the procedures and the modus operandi of a MUN. IMF won the most Best Delegate awards and I won the Best Chair award.