

Dhruv Maniar

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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

Equence Technologies Pvt.Ltd, Bengaluru, India

May 2022 – August 2022

Software Engineer Intern

- Optimized cloud-based asynchronous program-to-program messaging pattern using python and AWS.
- Managed user data to implement an infrastructure as a service that enables all state management and tracking of clients.

Archer Hotels and Resorts Pvt.Ltd, Lonavala, India

August 2020 – December 2020

Front End Developer

- Developed and reconstructed main website 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, utilizing C# & 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.

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.

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.
- Designed a QR code for instant access to the webpage.

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 sport 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

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.