



Tulsi Miteshkumar Shah

Dhirubhai Ambani Institute of Information and Communication Technology

Email: 201801180@daiict.ac.in

DOB: September 30,2000

Address:

B-202,PramukhNagar Residency Co. Op. Housing Service Society Li. , Sargasan,
Gandhinagar, Gujarat, Pincode-382006

EDUCATION

Degree	University/Institute	Year	CPI/Aggregate
B.Tech ICT	Dhirubhai Ambani Institute of Information and Communication Technology	2018-2022	7.37
Higher Secondary Class XII	Sahajanand School of Achiever,Gandhinagar, (Gujarat State Education board)	2017-2018	94.67%
Secondary Class X	School of Achiever,Gandhinagar, (Gujarat State Education board)	2015-2016	92.5%

SKILLS

Expertise Area/Area(s) of Interest	Competitive Coding, Data structure and algorithm
Programming Language(s)	C, C++, Python, SQL, JAVA(Basic), HTML, CSS, JavaScript
Tools and Technologies	Ltspice, VScode, Cadence, Netsim, Django, Latex, Postgres SQL
Technical Electives	DBMS , Operating System, Optimization

PROFESSIONAL EXPERIENCE/INTERNSHIPS

Environmental Sanitation Institute(Rural)	We taught self-defense techniques with the help of my friends to girls of Village School, taught some maths topics to higher secondary students, and went on village trips where we saw how the people of village lived and tried to grasp their local culture. <i>Guide: Mr. Bhupatbhai Kamaliya</i>	5 Dec,19 - 31 Dec,19 Team Size - 20
---	--	--

PROJECTS

Web Application for Faculty Staff Directory <i>Guide: Saurabh Tiwari</i>	Online faculty staff directory empowers users to easily view college faculty details. In this project, I worked on the BackEnd part. I made the Login feature and Admin access. I have also done unit testing for the project.	January-2021 Team Size - 10
Space Agency Database <i>Guide: Minal Bhise</i>	We made SRS first which had all the relevant data and research about the database. Then we made ER model and corresponding Relational model and then Normalize it. In the end, We loaded it in our Postgres, made different queries, and run it on our database.	November-2020 Team Size-4

PROJECTS

Digital Timetable	I made Digital Timetable for my batchmates using HTML, CSS, and Javascript.	February-2021
Guide: ----	https://tulsishah309.github.io/Projects/TimeTable/	Individual
Message Passing Channel Encoder and Decoder	We coded the general encoder and decoder of the (N, K) product code with generator and parity matrix in c++ language. We also simulated Binary Erasure and Symmetric channel. We did decoding using message passing in tanner graph.I have worked in Encoding part.	March-2019
Guide: Yash Vasavda		Team Size - 10

POSITIONS OF RESPONSIBILITY

- | | |
|---|---------------------|
| • Batch Representative of Programming Club,Daiict | (August,19-July,20) |
| • Member of Programming Club,Daiict | (July,20-Present) |
| • Event Coordinator of Googlock holmes in Synapse '20(Annual cultural fest) | (February,20) |

AWARDS AND ACHIEVEMENTS

- Winner of X-Electrotech event in Xenesis(Annual tech-fest of LDRP) -2020
- 64th Rank in D2C online Hackathon Festival Season-2(2020)
- Codeforces Contest Rating (Maximum) 1463
- Secured 46000 points in Programming section of InterviewBit
- Runner-up in Box Cricket match in EDI college
- Take a one year audit course of classical music

INTERESTS AND HOBBIES

- Singing
- Playing Badminton
- Dancing
- Drawing
- Crafting