PARTH PARMAR

**B.Tech. (Honours) in Information and Communication Technology
with minor in Computational Science**

EDUCATION

Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT)
CPI: 8.92

📅 October 2021 – Present   📍 Gandhinagar, Gujarat

Shree GK Dholakiya Higher Secondary School (GHSEB)
Percentage: 98.76%

📅 2020 – 2021   📍 Rajkot, Gujarat

Divine High School (GSEB)
Percentage: 97.33%

📅 2018 – 2019   📍 Rajkot, Gujarat

SKILLS

Area(s) of Interest : DSA, Object-Oriented Programming, Competitive Programming, Problem Solving

Programming Languages : C, C++

Tools and Technologies : MATLAB, LTSpice, AutoCAD, Arduino IDE, LaTeX, Logisim

Technical Electives : Data Structure and Algorithms, Design and Analysis of Algorithm, Object Oriented Programming

POSITIONS OF RESPONSIBILITY

Core Member
Student Placement Cell, DAIICT

📅 April 2022 – Present

Member
Student Body Government, DAIICT

📅 April 2022 – Present

INTERESTS

- Competitive Programming
- Bowling
- Watching Formula 1

EXPERIENCE

Udaan Education and Charitable Trust:

📅 December 2022   📍 Rajkot ,Gujarat

•Worked as a Rural Intern providing valuable support to the trust's mission in teaching young students basic computer skills in rural areas.

PROJECTS

LDPC decoder:

📅 April 2023 - May 2023 | Team size - 3

•The aim of this project was to build an LDPC decoder for Binary Erasure Channel(BEC). It includes soft and hard decoding for channel. It includes evaluating and comparing the decoded message's accuracy using these two techniques. It requires general syntactical knowledge of MATLAB and problem solving skills.

- **Guide:** Prof. Yash Vasavada

Airport DBMS:

📅 April 2023 - May 2023 | Team size - 3

•Designed and implemented a system that manages database of Airports. Also designed ER Model Diagram converted it to Relational Model. Implemented the Airport DBMS using PostgreSQL.

- **Guide:** Prof. PM Jat

ACHIEVEMENTS

- **JEE Main 2021:** AIR 7038
- **JEE Advanced 2021:** AIR 9338
- **CodeChef:** 3 star, Max Rating - 1648
- **Codeforces:** Pupil, Max Rating - 1236