Aryan Shaileshkumar Patel

Dhirubhai Ambani Institute of Information and Communication Technology

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EDUCATION

Degree	University/Institute	Year	CPI/Aggregate
B.Tech. (Honours) in ICT with minor in Computational Science	Dhirubhai Ambani Institute of Information and Communication Technology	2023	8.37
Higher Secondary | Class XII	Sahjanand School Of Achiever (GSHEB)	2019	93.33%
Secondary | Class X	K R Raval School (GSEB)	2017	94.33%

SKILLS

Expertise Area/Area(s) of Interest	Data Structures and Algorithms, Competitive Programming, Web Development
Programming Language(s)	C, C++, Python .
Tools and Technologies	Matlab, LTspice, LaTex .

PROJECTS

Convolution Encoder and Decoder *Guide:* *Prof: Yash Vasavada*	This project is based on Channel encoding and decoding using a convolution coding scheme. It is implemented in MATLAB and includes a convolution encoder whose output is passed through BEC, BSC, and Gaussian Channel, and the received sequence is decoded using a decoding algorithm known as the Viterbi Algorithm.	March 2020 - April 2020 Team Size - 2
web-cov website *Guide: self*	I have created a COVID-related website using HTML, CSS, Javascript, Nodejs, chart.js, and MongoDB atlas (as a database). On this website, One can ask for help if he/she is needed. There is also a COVID-related live data page, which displays COVID cases and Vaccination information of India.	May 2021 Team Size - 1

INTERESTS AND HOBBIES

- Playing/Watching Cricket
- Watching Physics Related Podcasts and Movies
- Web Development

AWARDS AND ACHIEVEMENTS

2-star coder at Codechef with Max Rating-1512

5-star coder in C++ and Python 3-star in problem-solving at Hackerrank

Secured 129th rank in ACPC Gujarat 2019

Got 100/100 in Math in 12th board