Tamanna

Second Year B.Tech | Electrical Engineering |
Netaji Subhas University of Technology | tamannarojha81@gmail.com | (+91)8851904556

EDUCATION

UNDERGRADUATE (EE)
Netaji Subhas University of Technology | Expected 2025

INTERMEDIATE (HSC)
Sarvodaya Kanya Vidyalaya | 2020

MATRICULATION (SSC)
Sarvodaya Kanya Vidyalaya | 2018

COURSEWORK

UNDERGRADUATE
ongoing*
Computer Programming
Data Structures and Algorithms
Digital Circuits and Systems
Signal and Systems
Linear Algebra and Calculus
Complex Analysis and Differential Equations
Engineering Mathematics

MOOC
Data Structures
Web Development
Digital Circuits
MATLAB Programming for Numerical Computation
Algorithms

SKILLS

PROGRAMMING LANGUAGES
- C/C++
- Python
- MATLAB

OTHERS
- HTML
- JavaScript
- CSS
- MongoDB, Express, React, NodeJS

LINKS
LinkedIn:// **Tamanna**

PROJECTS

FORECASTING STOCKS USING DASH
| Oct 2022 – present |

- Created a single-page web application using Dash (a python framework) and some machine learning models which will show company information (logo, registered name, and description) and stock plots based on the stock code given by the user.
- The ML model enabled the user to get predicted stock prices for the date inputted by the user.
- Made the main website's structure using mainly Dash HTML Components and Dash Core Components.

EXPLORATORY ANALYSIS OF GEOLOCATIONAL DATA
| Aug 2022 – Oct 2022 |

- The project involved the use of K-Means Clustering to find the best accommodation for students in any city by classifying accommodation for incoming students on the basis of their preferences on amenities, budget, and proximity to the location.
- Fetched Datasets from the relevant locations (Data Collection) and Geolocational Data from the Foursquare API. (REST APIs)
- Used K-Means Clustering to cluster the locations (Using ScikitLearn).

ACHIEVEMENTS

- Cleared Joint Entrance Exam | 2021
- Won Silver Medal at Inter-School Kabaddi Competition (Zonal level). | 2020

POSITION OF RESPONSIBILITY

HEAD GIRL, SARVODAYA KANYA VIDYALAYA
| JULY 2019 - APRIL 2020 |
- Actively Participated in school decision-making and helped set school policies and represent the student body.

CAPTAIN, KABADDI TEAM | June 2018- April 2019
- Led team practices and ensured that all players are prepared for games and tournaments.

EXTRA CURRICULARS

- **Competitive Coding:** LeetCode (tamanna8851), GeeksforGeeks (tamanna8851)
- Participated in **AGASTYA'22** (Sports Meet) at NSUT
- Participated in **Clitch** (Fashion Parade), in MOKSHA'22 at NSUT