Abhishek Khare
MTech CSE, NIT Surat

My Contact

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📍 Thane, Maharashtra

Education Background

- **MTech CSE**
  National Institute of Technology, Surat
  08/2022-06/2024
  CGPA : 7.23

- **BE Computer Engineering**
  NHITM, Thane (University of Mumbai)
  08/2017-06/2021
  CGPA : 8.53

- **HSC**
  V.G. Vaze Kelkar College, Mulund(E)
  07/2014-07/2016
  Percentage : 53.07

- **SSC**
  IES Secondary School, Mulund(E)
  07/2002-07/2014
  Percentage : 89.6

Profiles

in Linkedin

Leetcode

Github

Skills & Course

- C++
- Data Structures
- Javascript, Reactjs
- OOPs
- Machine Learning
- Virtuoso Cadence

Achievements

GATE CSE 2021 and 2022 Qualified
GATE CSE 2022 Score : **372**

Experience

Design Engineer Intern
 NXP Semiconductors, Noida
 (07/2023 - 05/2024)
Working closely with the **Dashboard** team.
Worked on software **NXVIEWGEN** which uses **Virtuoso Cadence.**
Languages used - **C++, PERL**

Teaching Assistant
 National Institute of Technology, Surat
 (08/2022 - 07/2023)
Responsible for **solving students doubts.**
Also responsible for evaluating the assignments of students.
Subjects taken - **Fundamentals of C programming,**
                 Data Structures and Algorithms.

Projects

Healthcare Analytics using Ensemble Learning
(07/2020 - 06/2021) Project Link

- Data in Healthcare is a collection of record of patients, hospitals, doctors and medical treatment and it is growing so fast that this data is difficult to maintain and analyze using some traditional data analytics methods.
- To overcome this problem, Machine learning techniques are applied on such big amount of data.
- Achieved an accuracy of **78%** while building this model.
- To get better accuracy, this model proposes a Machine Learning approach known as **Ensemble Learning** which combines the results of three **Machine Learning algorithms** and **Soft Voting method** is used for combining accuracies and results are evaluated using these models.

Google Sheets
(11/2023 - 12/2023)

- This is an Google sheets clone made using HTML, CSS, Javascript and using Graph algorithms like DFS.
- One can add or delete sheets and also increase or decrease the font size.
- Worked on implementing the basic formulae of maths which are generally required in sheets using the DFS graph algorithm.
- Worked on building the complex UI structure of the sheet.

Publications

Paper published in IJARESM journal on the topic,
"Healthcare Analytics using Ensemble Learning"
 Paper Link

Extra Curricular Activities

NIT, Surat
Training and Placement Coordinator of MTech CSE
(11/2022 - 06/2024)
Responsible for sending invites to companies for internships and placements, co-ordinating with the placement cell and students.