

SMIT CHAKLASIYA

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EDUCATION

Institute of Technology, Nirma University

B.Tech in Computer Science and Engineering, Current PPI-7.93

2020 – 2024

Ahmedabad, Gujarat

Shree Swaminarayan Gurukul Vidhyalaya, Surat

H.S.C, Class - XII, Percentage - 86%

March - 2020

Surat, Gujarat

Shree Swaminarayan Gurukul Vidhyalaya, Surat

S.S.C, Class - X, Percentage -89%

March - 2018

Surat, Gujarat

PROJECTS

Intrusion Detection System | python , ML , Security

Aug, 2023 – Nov, 2023

- Developed Intrusion Detection System implementing on SVM , Decision tree , KNN , Ensemble learning models using NSL-KDD dataset.
- Used python language in Machine learning, Developed Intrusion Detection System and for data preprocessing I have used Label encoder or one hot encoding to convert categorical data column into numerical data column to improve performance.
- We have got the best accuracy result in Ensemble learning and the result is 98% accuracy.

Image Classification | python , ML

Aug, 2022 – Nov, 2022

- Developed Image Classification implementing CNN , using CIFAR 10 dataset.
- Used python language in Machine learning, Developed image resizing feature & conversion to the kernel for favorable usage of image.

CPU scheduling algorithms | OS,C++

Nov, 2022 – Dec, 2022

- Proficient in implementing various CPU scheduling algorithms in C++ , including Round Robin, First-Come-First- Serve(FCFS), Shortest Job First(SJF), and Priority Scheduling.
- Experienced in simulating process execution and optimizing system performance using these algorithms. Strong understanding of algorithm complexities and their impact on overall system efficiency.
- Actively contributed to projects demonstrating real-time process management and context switching.

COURSEWORK

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|--------------------|--------------------|-------------------|--------------|
| • Data Structure | • Cloud Computing | • Cloud Computing | Programming |
| • Operating System | • Machine Learning | • LAMP | • Blockchain |
| • DBMS | • Deep Learning | • Object Oriented | Technology |

TECHNICAL SKILLS

Languages & Technologies: C, C++ , Python, Java, PHP , HTML, CSS, SQL

Developer Tools: VS Code, IntelliJ IDEA, Google Colab, XAMPP , Jupyter Notebook