

Sachin Kumar

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EDUCATION

B.tech in computer science and engineering

Nirma University, Ahmedabad, In
Aug 2021 - Jul 2024
6.6 GPA

Diploma in Computer Engineering

Sankalchand patel university,
Visnagar, In
Aug 2018 - Jul 2021
8.98 GPA

EXPERIENCE

Machine Learning Intern at Sparks to Ideas| Ahmedabad, In

Jun 2023 - Jul 2023

- Acquired hands-on experience in various face detection methodologies.
- Gained insights into the execution of real-world machine learning projects in the industry.

LINKS

- LinkedIn
- Github
- Leetcode
- Codeforces

ACHIEVEMENTS

- Solved 650 Plus DSA Problems on Leetcode and Codeforces
- Hackathon at Nirma University's Center of Excellence in Data Science: Solved AI Content Detection for Cactus Communication.
- Submitted paper "SVM and Wavelet Transformation-Based Face Recognition of Women Cricketers" to ARAB ICT CONFERENCE 2024 in the Kingdom of Bahrain. Accepted for presentation on February 27-28, 2024.

TECHNICAL STACK

Data Science/Machine Learning/ Deep Learning

- Python, Data Visualization, Supervised Learning Algorithms, Unsupervised Learning Algos, ANN, CNN, EDA, Feature engineering, Data Mining, transfer learning, feature selection extraction, NLP.

Mathematics for ML and DL

- Probability, Statistics, Matrices.

Python Frameworks and Packages

- Scikit-learn, Tensorflow, Keras, Numpy, Pandas, Matplotlib, spacy, nltk, fasttext.

Web Development

- HTML, CSS, Javascript(Basics).

Programming Languages

- Python, C, C++, Java, HTML, CSS, Javascript, ReactJS.

Database

- MYSQL.

Visualization

- Jupyter Notebook, Tableau.

PERSONAL PROJECTS

Top Five Women Face Recognition Using SVM

- In This Project, I Created A SVM Machine Learning Model and Recognized the Top 5 women Cricketers's Face Using various Technologies Such as Python, Opencv, harcasade, Wavelet transformation and flask server.

Tomato Leaf Diseases classification using CNN

- For this project I will Downloaded 16,012 annotated tomato leaves images from Kaggle and Builded the CNN model with 94 percent accuracy for image classification. For server deployment I will use popular Python FastAPI Server and also try it with Postman.
I Will created a simple front end Using Famous Framework React JS. Whole Thing is drag and drop the image in front end, front end will make http request call to our back end server, back end server will predict the image and make https response to front end.

Sales Insight Dashboard In Tableau

- In This Project i dumped a Sales data of AtliQ Technologies into Mysql Database and Builded a Nice Tableau Dashboard. And find some answers of Business Intelligence Like Revenue Break Down By Cities, Revenue Break down By years and months, Top 5 product By Revenue Number etc...