TIRTHRAJ CHAUDHARY

Computer Science Undergraduate

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EDUCATION

B.Tech in Information Technology

Nirma University   **CGPA : 7.5/10.0**

📅 2016 – 2020   📍 Ahmedabad

WORK EXPERIENCE

Software R&D Intern

Samsumg R&D

📅 Jan 2020 – Apr 2020   📍 Noida

- Human activity recognition from video using deep learning techniques.
- Evaluated performance and design compliance of various approaches used in the project.

PROJECTS

Similar Image Search Engine

- Developed Image captioning model.
- Used NLP to evaluate the similarity between two captions.
- Here the user have to give input image and in output search engine will give similar images based on similarity of their captions.

Twitter sentiment analysis

- Evaluated the performance of variants of RNN on predicting the sentiments of tweets.Used twitter api to fetch the recent tweets.
- In input user can give name of topic/personality and the model will do sentiment analysis by fetching the latest tweets about that topic/personality.

Online Banking System

- Developed a full stack web application that includes basic operations of bank, like Deposit, Withdraw, Transfer fund etc.
- Tech Stack : Spring boot, Spring Security, Spring Data, Thymeleaf, HTML, Bootstrap.

Smart City Portal

- The citizens of city can register themselves according to their area. if there is any issue in their area they can complain on the portal, So that officer allocated to that area can see their complains and can reply to citizens and take some action.
- Tech Stack : Java, SQL, JDBC, JSP.

KEYWORDS

Competitive Coding   Web Development
C++   Deep Learning   Java

TECHNICAL SKILLS

CS Fundamentals

Data Structures and Algorithms   Databases
Problem Solving

Programming Languages

C/C++   JAVA   HTML/CSS   JavaScript
Python   SQLite

Deep Learning Frameworks

Keras   Pandas   Numpy

Web Frameworks

Bootstrap   Spring Boot   Spring MCV
Spring Security   Spring Data

ACHIEVEMENTS

🏆 **ACM-ICPC**
https://icpc.global/ICPCID/
J86BMXMHXJTU

🏆 **Hackerrank Java**
5* Gold Level

🏆 **Hackerrank Problem Solving**
4* Silver Level

https://www.hackerrank.com/tirthchaudhary91

CERTIFICATIONS

Algorithmic Toolbox Course

https://www.coursera.org/account/
accomplishments/certificate/D5WVQDXXLXF5

Neural Networks and Deep Learning

https://www.coursera.org/account/
accomplishments/certificate/YP295GEKQM62

SQL for Data Science

https://www.coursera.org/account/
accomplishments/certificate/YFBPFH979BMC