

TIRTH HITESH SHAH

Computer Science Student

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<https://github.com/tirth-hs>



<https://www.codechef.com/users/tirth0339>

EDUCATION

Computer Science Engineering

K.J. Somaiya College of Engineering

2018 – Present

Mumbai, India

Higher Secondary Education

Pace Junior Science College

2016-18

Thane, India

Secondary Education

Sardar Vallabhbhai Patel Vidyalaya

2015-16

Thane, India

CO-CURRICULAR

AI Based Realtime Sudoku Solver

A realtime solver that takes the grid of sudoku from image shown through live camera feed and Solves the sudoku using backtracking algorithm.

Link: <https://github.com/tirth-hs/AI-Sudoku-Solver>

AR Alpha Cards

An application which helps toddlers and school children to learn alphabets in a fun and interactive way using augmented reality. Link: <https://www.youtube.com/watch?v=K3zmLdG53ik&t=1s>

Sahayak

Security and community management app for gated premises using React Native that helps residents as well as the management committee in handling gate security and society maintenance via various interfaces.

FakeProfileDetection

The extensive use of fake information has negative impact on online matrimony. This project helps in finding the fake profiles depending on the information provided by the user.

Link: <http://fake-profile-detection.herokuapp.com/>

Garbage Grievance Management System

Multiplatform app to report grievances in a locality. The user posts an image of the grievances, and the grievance gets reported to the concerning authorities. The authorities are also provided with the visualization the grievances in the form of histograms and heatmaps for efficient resource allocation.

Spark AR-Capstone Project

Completed a project on Spark AR for Youtubers-'Jordindian': an effect for their Instagram handle.

AgroPro

A system that predicts annual and monthly of central Maharashtra in India, gives information on crops on the basis of region's rainfall and soil type.

Link: <https://proagro.herokuapp.com/>

SKILLS

React-Native

Python

MySQL

JavaScript

Node Js

Ionic

OpenCV

HTML

CSS

Bootstrap

Java

C

Spark AR

Blender

WORK EXPERIENCE

Predicting Furnace Cot in CDU using ML

Bharat Petroleum Corporation Limited

Jun 20-Jul 20

Mumbai, India

Spark AR Developer

JordIndian

May 20-Jul 20

Mumbai, India

Crop Prediction using IOT and ML

K.J. Somaiya College of Engineering

Mumbai, India

Fake Profile Detection using ML

K.J. Somaiya College of Engineering

May 20

Mumbai, India

Web-Developer

NJ Media House Pvt Ltd.

AUG 19

Mumbai, India

CAREER INTERESTS

Machine Learning

Augmented Reality

Web Development

App Development