

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.

AR Aplha Cards

An application which helps toddlers and school children to learn alphabets in a fun and interactive way using augmented reality.

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.

Swachh

AI citizen grievance monitoring and management app. The main goal of the app is to solve grievance by creating transparent systems and people sourcing. The user posts an image of the grievances, and it gets classified into the given categories and is reported to the concerning authorities. The authorities are also provided with data science powered dashboard for efficient resource allocation.

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.

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.

Spark AR-Capstone Project

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

SKILLS

React-Native

Python

MySQL

JavaScript

Node Js

Flask

OpenCV

HTML

CSS

Bootstrap

Java

C

Spark AR

Blender

WORK EXPERIENCE

Full Stack Developer

Purple.com

Jun 21-August 21

Mumbai, India

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

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