

# YASH TANK

IT engineering student with knowledge of coding, mathematics and project management

@ yashtank9240@gmail.com

+917698760867

Ahmedabad, India

linkedin.com/in/yashtank311

github.com/yash311

## EXPERIENCE

### Summer Trainee

#### IBM Allsoft solution

June 2020 – July 2020

Work From Home

- Acquired a knowledge on Mobile application development in Android.
- Worked with layouts, widgets, menus, intents, JSON parsing, preferences, firebase and connection of interfaces.

### Summer Trainee

#### TechMicra IT Solution

May 2019 – July 2019

Ahmedabad, India

- Learned about data preprocessing, data manipulating, Mathematics behind ML algorithms and its implementation in Python.
- Successfully implemented Face Recognition, eye detection model using OpenCV-Python.
- Libraries used: Sklearn, pandas, numpy, OpenCV-Python, matplotlib, Keras

## PROJECTS

### Medicman

#### IBM

July 2020 – July 2020

- Description – Built an Android application in which user can login to the app and can set reminder for medicine with it's name and picture. It is stored in cloud firebase so retrieval of reminders is possible on any android device. Basic Medication information is also provided in the application
- Techs: Firebase - RTDB, Storage & Authentication, Picasso library, AdobeXD

### First Eye

#### Nirma University

January 2020 – May 2020

- Description – Created a deep learning model for helping out blind people identifying sign-boards, medicine name on the wrapper, shop names. Model was trained on ICDAR-2017 dataset. Detected text was then recognized and spoken out for ease in identification for blind people.
- Techs: Computer Vision, Google text-to-speech API, OpenCV, Easy text detection, Pytesseract

### Image Editor

#### Nirma University

January 2019 – May 2019

- Description – Created Desktop application for image editing and manipulation. App was created using JavaFX with more than 40 filters and image adjustments tools.
- Tech and Libraries: JavaFX, JHLabs API, Core Java

## HOBBIES

Astrology

Hockey

Snooker

Indian Mythology

Photography

## TECHNICAL SKILLS

### • Development

Java

Python

C

Android

HTML/CSS

JavaScript

OpenCV

Oracle DB

Micro controller

AWS

### • Development Tools – IDE

IntelliJ

VS Code

Android studio

Jupyter notebook

Colab

Scene Builder

Arduino IDE

## AREAS OF INTEREST

Data Structures and Algorithms

IOT

OOP

ML/DL

Physics

Full Stack Development

## EDUCATION

### B.Tech. in Information Technology

#### Nirma University

August 2017 – Present GPA: 8.33/10

### HSC from GSHSEB board

#### PV Modi School

June 2015 – March 2017 Score: 86%

### SSC from GSEB board

#### Sarvodaya School

June 2014 – March 2015 Score: 84%

## CERTIFICATES

### Design and Analysis of Algorithms

NPTEL, August 2018 – No Expiration Date

### Problem solving through programming in C

NPTEL January 2018 – No Expiration Date

## OTHERS

- Managing Director of Infocrats (official IT club of Nirma Uni.)
- Teaching Work in Nirma Volunteaching Movement.

## LANGUAGES

English

Hindi

Gujarati