

Dhruvish

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EDUCATION

SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY

B.E in Computer Engineering
Expected May, 2021| Surat, India
Pursuing

RYAN INTERNATIONAL SCHOOL

Indian School Certificate
(ISC) 2017| Surat, India
Percentage: 89.4%

RYAN INTERNATIONAL SCHOOL

The Indian Certificate of Secondary Education (ICSE) 2015|Surat, India
Percentage: 88.2%

LINKS

Github: // [DhruvishPatel](#)

HackerRank:// [Dhruvish-Patel](#)

HackerEarth:// [Dhruvish-Patel](#)

LinkedIn:// [Dhruvish-Patel](#)

TECHNICAL SKILLS

Languages: Java, C++, C, C#, Shell, Python

Web Development: HTML, CSS, JS, PHP

Mobile Development: Android, Flutter

Databases: SQL, Firebase

Platforms: GNU/Linux

COURSEWORK

UNDERGRADUATE

Computer Programming

Data Structures

Design and Analysis of Algorithms

Database Management Systems

Object Oriented Programming

Operating Systems

Software Engineering

Theory of Computation

Unconventional Models of Computing

PROJECTS

Bollywood Celebrity Facts

- Alexa Skill which tells you facts about your favorite celebrities.

F.R.I.E.N.D.S. Trivia

- A quiz made on the web series F.R.I.E.N.D.S. on Alexa voice assistant.

Count 21

- Traditional “Dare 21” game made on the Alexa voice assistant.

Face-Detection [GitHub](#)

- Used to detect faces from a given image. Further can be extended to track faces. It can also be used for the purpose of security and surveillance.

Finger-Tracking [GitHub](#)

- Detecting your fingers and tracking them to identify various gestures. With the help of such gestures, smart homes can be build in future.

Smart-Parking

- A smart parking system made on Iot which can be used in cars. Basically the car finds the empty parking spot where it can easily fit and parks itself automatically without the help of the driver.

Drowsiness-Detection

- A model which takes the real time input from camera to detect whether the subject is in drowsy condition or not.

Home Automation [Github](#)

- A home automation system based on IoT, Firebase and flutter which helps you to control your home appliances from anywhere.

AWARDS

- Reached to the final round in the InnovSeed project expo 2019 held in Surat city.
- Runner up in the Connundrum event at Inter-College level.

EXTRA CURRICULARS

- Core-Team Member of Google’s DSC Team (2019-20) ML-Facilitator for Explore ML by Google AI.
- Handled the event of “New Trends in Signal Processing” conducted by IEEE GUJARAT SECTION.
- Successfully conducted two workshops of machine learning under Explore ML by Google AI (Beginner and Intermediate).
- Represented Surat city (11-times) at Hockey State level tournament.
- Represented Gujarat state (2-times) at Hockey National level tournament.