

Rushik Patel

Professional Title

To take up a challenging career and grow with honesty, loyalty, good relationship and best performance and translate my experience, knowledge, skills and abilities into value for an organization



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EDUCATION

B.E in Information Technology

G H Patel College of Engineering & Technology

08/2017 - 07/2021,

CGPA - 9.53

University

- Gujarat Technological University

Higher Secondary School

H. M. Patel English Medium School

06/2015 - 05/2017,

Percentage - 85.69

Board

- Gujarat State Examination Board (GHSEB)

Secondary School

H. M. Patel English Medium School

06/2014 - 03/2015,

Percentage - 85.67

Board

- Gujarat State Examination Board (GHSEB)

PROJECTS

PROSTHETIC LIMBS USING REMOTE SENSORS
(RoboFest-19) (08/2019 - 10/2020)

- State level competition RoboFest-19 organized and funded by GUJCOST where the team made a prosthetic limb using remote sensors and were finalist
- Following are the things that helped me through all three stages:
- Process Planning to make through all the 3 stages namely Ideation stage, Proof of concept stage, Prototype development stage
- Effective use of team members - Controlling the limited finances to make the hand cost effective
- Critical thinking to achieve requirements set effectively.

AGRICULTURE MONITORING AND CONTROLLING SYSTEM (07/2020 - 04/2021)

- Smart agriculture system which include automatic watering system that determine the time interval and amount of water needed for crop
- Additionally, data of all sensors were collected and used for further evaluation.

TECHNICAL SKILLS

Programming Languages

C, C++, JAVA, PYTHON

Machine Learning

Data Analysis, Visualization, Statistics, Predicting Model

Web Technology

HTML, CSS

Data Manipulation

SQL

Framework, Tools and Technologies

Android Studio, Git, Cloud, Machine Learning, Internet Of Things (IOT)

ACHIEVEMENTS

RoboFest-19 (08/2019 - 10/2020)

Runners-Up at state level competition sponsored by GUJCOST

Research paper presentation in ICER (09/2018)

Presented Research Paper entitled "Designed and Development of Single Axis Solar Tracker" in 9th International Congress of Environmental Research held at Amity University, MP, Gwalior.

Experience

Machine Learning Intern | Technex (01/12/2021 – 01/02/2022)
Old Car Price Prediction

Machine Learning Intern | Verzeo (01/06/2020 – 01/08/2020)
Tweeter user Gender Classification

CERTIFICATES

Applied Plotting, Charting & Data Representation in Python (02/2022)

Course authorized by University of Michigan and offered through Coursera

Introduction to Data Science in Python (09/2021)

Course authorized by University of Michigan and offered through Coursera

Python for Beginners Course In-Depth (07/2021)

Course authorized by Horizon Tech and offered through Udemy

Machine Learning with Python (08/2020)

Course by verzeo

Architecting with Google Compute Engine (08/2019)

Four course specialization authorized by Google Cloud Training and offered through Coursera

PROJECTS

ANIMAL HEALTHCARE APPLICATION (08/2018 - 04/2020)

- Android application that is used to inform nearest veterinary hospital about emergency
- Even provide user the information about basic treatment so that it can help to save animals life.

HOME AUTOMATION SYSTEM (01/2019 - 04/2019)

- Model of home automation system where you can control all your equipment using mobile phone and monitor the usage of electricity
- Furthermore, it provided some basic properties of house like temperature.

DUAL-AXIS SOLAR TRACKER (INDRA-7) (11/2017 - 12/2017)

- A solar tracking system using Arduino that collects free energy from the sun and stores it in the battery.
- The result of this work has clearly shown that the tracking solar panel produces 30% more energy compared to a fixed panel.

LANGUAGES

English
Full Professional Proficiency

Gujarati
Native or Bilingual Proficiency

Hindi
Full Professional Proficiency

SKILLS

Leadership

Team-Work

Multitasking

Problem Solving

Attention to Details

Strategic Planning

INTERESTS

Data Science

Machine Learning

Artificial Intelligence

Software Development

Internet of Things

Chess

Cricket

Hockey

Listening to Music