

AAYUSH P. GOHIL

aayushgohil3433@gmail.com

Education

Graduation:

From	Nirma University, Ahmedabad
CGPA	7.7
Degree	Bachelor of Technology
Major	Computer Science and Engineering
Minor	Robotics

Higher Secondary:

From	A One Higher Secondary School
Percentage	97%

Work Experience

Internship at Indian Institute of Science, Education and Research, Bhopal

Domain	Robotics
Guide	Dr. Sujit P.B.
Projects	1) Water quality management system using embedded systems and IOT 2) Robotic arm simulation for MBZIRC, Team LUNA from IISERB
Duration	Two Months

Robocon club at Nirma University

Domain	Robotics
Guide	Mihir Chauhan
Projects	1) Line follower from scratch (circuit design to programming) 2) STM32 Discovery board drivers (library for GPIO, LCD, UART, SPI)
Duration	1 year

Centre for Robotics and Automation

Domain	Machine intelligence
Guide	Dr Pooja Shah
Project	4-wheel Omni drive vacuum cleaning robot with lidar sensing and deep learning algorithms on Jetson Nano
Duration	On going project started before 3 months

Research Work

Published Work

Title	Applicability Analysis of VGGNET Based Transfer Learning for Oil Spill Classification on SAR Data
Link	https://turcomat.org/index.php/turkbilmat/article/view/2952

Ongoing Work

Domain	Medical image classification using Deep Learning models
---------------	---

Hackathon

Hackathon	MINED hackathon organised by Binghamton University in collaboration with Nirma University for industry's problem statements
Topic	Real time image segmentation using Deep Learning
Winning Position	1 st Place (Team TensoFellows)

Skills

Python	C language	Deep Learning	Machine Learning	Embedded Systems	IOT
ROS2 Basics	Gazebo	TensorFlow	Keras	Marketing	Management

Extra-Curricular

1.	Started small scale resort converted from farm house by online marketing and on ground management named Visamo Farmstay
2.	Organized large scale local cultural event (garba) for college students
3.	Part of Sahay NGO

Online Courses

1.	Data Structure by Abdul Bari
2.	Machine Learning A to Z by Kirill Eremanko
3.	Complete python development by Andrei Neagoie

Language

English	Gujarati	Hindi
---------	----------	-------

Links

Linked In	https://in.linkedin.com/in/aayushgohil/
GitHub	https://github.com/Aayush2504/