

Nitya Patel

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EDUCATION

IIIT VADODARA

B. TECH IN COMPUTER SCIENCE
2024 (expected) | Gandhinagar, Gujarat
CPI: 8.61 / 10.0

SHRI AGRASEN VIDYALAYA

HIGHER SECONDARY CERTIFICATE
2019 | Indore, MP
Percentage: 84.6%

SARASWATI INTERNATIONAL SCHOOL

SECONDARY SCHOOL CERTIFICATE
2017 | Valsad, Gujarat
CGPA: 9.2 / 10.0

COURSEWORK

AI Programming with Python Nanodegree
Machine Learning
Google IT Automation with Python
Writing, Running and Fixing Code in C

SKILLS

LANGUAGES

Python • C • C++ • Java • JavaScript •
Matlab • SQL

TOOLS AND FRAMEWORKS

Git • Django • ReactJS • discord.py • \LaTeX •
Firebase • Visual Studio Debugger •
Sandbox • Perforce

OPERATING SYSTEM

Windows, Linux

SOFT SKILLS

Communication • Leadership • Team
Management • Event Management

ACHIEVEMENTS

GIFTABLED HACKATHON

2nd Rank among 100 participants.

CTF

3rd Rank among 100 participants.

TECH HUNT

1st Rank among 150 participants.

EXPERIENCE

MATHWORKS, BANGALORE | EDG INTERN

May 2023 – July 2023

- Collaborated with the team on enhancements of the FMU3 Import Block.
- Shadowed experienced engineers to gain insights into providing technical support.
- Participated in various team events including a hackathon.

IHUB-DATA, IIIT HYDERABAD | MACHINE LEARNING INTERN

May 2022 – July 2022

- Contributed to a cutting-edge Dataset Foundation project, to create a platform for ML/AI researchers to work on.
- Collaborated with a team of 10 to design the project's architecture and established an efficient pipeline for a seamless project delivery.
- Engineered a high-performing, multithreaded download manager to facilitate the seamless download of datasets ranging up to 100GBs.

ENIGMA - MATH CLUB | SECRETARY

August 2022 - Present

- Successfully conducted 1729 - *The Adventures of Ramanujan* with a participation of 87 students.

GOOGLE DEVELOPER STUDENT CLUB | ML/AI VOLUNTEER

Dec 2021 – July 2022

- Helped conduct a Machine Learning Introduction workshop.
- Clarified doubts and provided resources for students getting started with Machine Learning.

FINANCE AND CONSULTING CLUB | SOCIAL MEDIA LEAD

Aug 2021 – Present

- Increased social media engagement of the club and increased participation in various club events.

PROJECTS

ORNITHOLOGICAL SOUND IDENTIFIER | PYTHON, PYTORCH

• Implementing a multilayered neural network that identifies birds from soundscapes.

FOCUSED | REACTJS, DJANGO REST FRAMEWORK

• Developing a virtual study/work platform, enabling users to study/work together with minimal distractions.

TODOIST COMMAND LINE UTILITY | PYTHON

• Developed a command line utility for Todoist using Todoist REST API.

TIC TAC TOE | PYTHON

• Implemented the classic game of Tic Tac Toe with Easy, Medium, Multiplayer, and an AI mode.

KNOCKBOT | PYTHON, DISCORD.PY

• Programmed a discord bot that tells knock-knock jokes using discord.py and Jokes API.