

Manav Patel

I am currently pursuing B.Tech in CSE at Pandit Deendayal Energy University, Gandhinagar. I am highly enthusiastic and a fast learner. I believe in teamwork and consider myself as an excellent team player.

EXPERIENCE

Manentia AI, Gandhinagar — ML Engineer & Researcher (Internship)

June 2022 - PRESENT

My role at this esteemed startup is to research different CNN models for Lung Nodule detection and also for the detection of Cancer Malignancy.

PDEU IIC, Gandhinagar — Intern

FEBRUARY 2022 - PRESENT

I am currently interning at PDEU IIC, a startup incubating firm, in content and screening dept and my work is to provide content as well as help the screening process to function smoothly.

The Marketing Point, Adelaide — CTO

July 2022 - PRESENT

I am one of the core members of this startup wherein we provide web and design solutions to the customers with effective marketing strategy. We also facilitate SEO for the websites.

The Network - PDEU, Gandhinagar — President

May 2022 - PRESENT

I am also leading a student body as President at my university aiming in networking and career building, conducting various career and networking related workshops, events, alumni talks and career fests.

EDUCATION

Pandit Deendayal Energy University, Gandhinagar — B.Tech

2020 - 2024


Branch : Computer Science & Engineering

SGPA (out of 10)

- SEM 1 : 9.86, SEM 2 : 10.00, SEM 3 : 9.87, SEM 4: 9.67

and SEM 5 & onwards : TBD

CGPA (till now) : 9.85/10

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SKILLS

Java, MySQL, C/C++, Python, Numpy,
Pandas, Matplotlib, HTML, CSS,
JavaScript, ReactJS, Django, UI/UX
using Figma

PROJECTS

RESEARCH PAPER —

*Glaucoma Detection Using Deep Learning
(to be published soon)*

SHOP MANAGEMENT SYSTEM —

Using Java GUI and MySQL

FAILURE PREDICTION MODEL (Kaggle Tabular Playground Series)

Using Data Mining models

STUDENT DATA MANAGEMENT SYSTEM —

Using Java GUI and MySQL

CPU SCHEDULING SIMULATOR —

Using Java GUI

RESEARCH WORK DURING CURRICULUM —

-Integration of AI in Information
Security (Review Paper)
-Use of Design & Analysis of Algorithms
in Data Security & Privacy

ONGOING RESEARCHES ON —

-Genetic Algorithms to Optimize ML
models
-Pulmonary Nodule Detection &
Malignancy Prediction
-Gujarati Character Recognition
(Tesseract OCR Engine)

OTHER ACHIEVEMENTS

- Content member at Computer
Society of India, PDEU SC.

The Radiant International School, Surat — HSC (CBSE)

APRIL 2019 - MARCH 2020

Subjects : Physics, Chemistry, Maths, English, Informatics Practices

Aggregated Percentage : 95%

The Radiant International School, Surat — SSC (CBSE)

APRIL 2017 - MARCH 2018

Subjects : Science, Maths, English, Social Science, Sanskrit

Aggregated Percentage : 93%

- President and former Content member at THE NETWORK, PDEU

- Research Lead at GDSC PDEU Chapter

- Other clubs and student bodies I am part of include :

*Synergy(Entrepreneurship club),

*Brahmand(Astronomy club),

*Jharokha(Literature club), *Society of Mathematics.