Mehta Pratham Sanjay

A disciplined individual with exceptional analytical skills seeking an internship as a software or web developer who always welcomes new opportunities.

EDUCATION

Year	Degree	University/Board	Institute	% / CGPA
Pursuing	BTech in Computer Science and Engineering	Ahmedabad University	School of Engineering and Applied Science	3.41/4.00 CGPA
2020	HSC (Science)	GSEB	Edunova Science Higher Secondary School	80 %
2018	SSC	GSEB	St Ann's High School	89.5 %

CERTIFICATIONS

The Completed Web Development Bootcamp by Dr Angela Yu The course begins with the fundamentals and gradually progresses to more advanced concepts. The course includes essential front-end development technologies, like HTML, CSS, and JavaScript, enabling to create visually appealing and interactive websites. This course also includes back-end development using technologies like Node.js, Express.js, and databases such as MongoDB, acquiring the ability to build robust and scalable web applications.	Nov'22 - Dec'22

EXPERTISE/AREA OF INTEREST

- Machine Learning
- Data Science
- Computer Vision
- Web Development

PROJECTS

Ahmedabad University — Jan'23 - Apr'23

Chest Diseases Classification using DenseNet121
Summary: Developed a deep learning model to predict Chest diseases from Chest X-Rays.
Skills Used: Machine Learning, Computer Vision
Team Size: 3
Key Outcomes: Implemented DenseNet121, a deep learning model, for precise classification of chest diseases. Mitigated class imbalance using DCGAN and compared its performance with the model without GAN.

Ahmedabad University — Sep'22 - Nov'22

Air Quality Prediction using Bayesian Network
Summary: Built a website to allow users to predict the air quality given various parameters using probabilistic graphical models.
Skills Used: Web Development, Data Cleaning, Data analysis, Graphical Models
Team Size: 4
Key Outcomes: The project involved a large dataset which required data cleaning. Used Bayesian network to predict the air quality. Used FLASK as backend and HTML, CSS for frontend.

Ahmedabad University — Sep'21 - Nov'21

Car Price Prediction System
Summary: Built a website to predict the price of used car using multiple regression from scratch
Skills Used: Machine Learning, Data Cleaning, Linear Algebra
Team Size: 4
Key Outcomes: Learnt to build a linear regression model without using any libraries. Also learned about the different methods for calculating model accuracy and came across many concepts of linear algebra.

TECHNICAL SKILLS

Languages: C, Java, Python, JavaScript, HTML, CSS, Node.js

Softwares: Visual Studio, ATOM

Framework / Libraries: jQuery, Bootstrap, Pandas, Numpy, Matplotlib, Seaborn, pgmpy

Tools / Technologies: Git, Github, SQL, MongoDB

PERSONAL DETAILS

pratham.m1@ahduni.edu.in 7405552929 Ahmedabad