

Rajvi Desai

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EDUCATION

NIRMA UNIVERSITY

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

August 2021 - Jun 2024 | Ahmedabad, Gujarat

8.3/ 10.0

A.V. PAREKH TECHNICAL INSTITUTE

DIPLOMA IN COMPUTER ENGINEERING

August 2018 - June 2021 | Rajkot, Gujarat

9.90 / 10.0 | College Rank 4

EXPERIENCE

ROLEX RINGS LIMITED | SOFTWARE DEVELOPER INTERN

June 2023 - July 2023 | Rajkot, Gujarat

- Built a feature for vendor registration where admin is notified via email and the vendor details are stored in MySQL database
- Tech Used: PHP, HTML, CSS, Javascript and MySQL

THE SPARKS FOUNDATION | DATA SCIENCE AND BUSINESS ANALYTICS INTERN

July 2022 - August 2022 | Remote

- Built Linear Regression and Decision tree classifier model on Student's score Dataset
- Tech Used: Python
- Demo Videos: Task-1 | Task-2

PROJECTS

WHATSAPP CHAT ANALYSER | Python | Website Link

- A Streamlit-based website built for data analysis and visualisation of chat data upto 200MB.
- Tech stack: Streamlit, Matplotlib, Seaborn, Wordcloud, Pandas

MORSE CODE TRANSLATOR | Python | Github Link

- Designed a user-friendly Morse code translator with Tkinter GUI for efficient message encoding and decoding.

GUJARATI SPEECH RECOGNITION | NLP | Github Link

- Developed a speech recognition system using a manually recorded Gujarati Dataset with 55 speakers from 5 different regions.
- Built model using Tensorflow- Keras which classifies based on dialect and achieved 92% accuracy.

DYNAMIC MEMORY MANAGEMENT ALGORITHMS | Python (Pandas Library) | Github Link

- Demonstrated a Console-based tool for first fit, next fit, worst fit and best fit algorithms.

SKILLS

LANGUAGES

• C/C++ • Python • SQL • HTML • CSS • PHP

TOOLS/FRAMEWORKS

• Pandas • Numpy • Tensorflow • XAMPP • Github
• Audacity

SOFT SKILLS

• Leadership • Emotional Intelligence • Adaptability

COURSEWORK

- Data Structures and Algorithms
- Operating Systems
- Database Management Systems
- Machine Learning
- Natural Language Processing
- Information Retrieval Systems
- Introduction to Robotics

CERTIFICATIONS

- Algorithmic Toolbox (Coursera)
- J.P. Morgan Software Engineering Virtual Experience
- NSIC(National Small Industries Corporation) Wordpress with PHP

ACHIEVEMENTS

- CodeChef Starters 24 (Div 4) Global Rank 2746
- Top 5 team at HackNuThon'23
- Group Singing Winner at Vaudeville (ITNU Fest)
- Selected for Round 2 of Smart India Hackathon
- 4th Rank at AVPTI for academic excellence

VOLUNTEERING

ROBINHOOD ARMY | FOOD DISTRIBUTION AND TEACHING VOLUNTEER

June 2022 - July 2022 | Rajkot, Gujarat

- Contributed in betterment of the society by joining food distribution and teaching drives.

CODING PROFILES

Codeforces : RajviDesai

Codechef : rajvidesai

Leetcode : RajviDesai

HackerRank : RajviDesai