Rohit Rai

Data Science |ML and algorithms| Python | AI-ANN |Advance Excel

An ambitious and skilled with Diverse Teaching Experience in Data Science, ML, Neural Network and Python as a full time Faculty, a Research & Data Analyst, with Over a year in Machine Learning, SQL and AI-ANN during Academics career with Research & Patent Exposure. Total relevant experience of 1.8 years.

Work Experience:

IITM Janakpuri, New Delhi – Assistant Professor (Data Science – CSE Dept.), July/2023 - Present

- Subject Taught: Artificial Neural Network, Python Programming, Data Science, Operating System for B. Tech.
- Handling The mentorship for B. Tech Final Year.
- Managing Social Media of The Organization.

Augment System Pvt Ltd, New Delhi –Research Analyst (Campus Placement), Feb/2023 – Apr/2023

- Conducted research: Conducting research on various topics related to the business using primary and secondary sources.
- Data collection and analysis using Python: Collecting and analysing data from various sources using statistical and analytical tools.
- QA: Ensuring research data and analysis accuracy and reliability through quality assurance and testing.

Ibrix Pvt Ltd, New Delhi –Data Analyst, Oct/2021 – Apr/2022

- Assisting with the collection, organization, and cleaning of data from a variety of sources.
- Creating reports, charts, and visualizations to communicate findings to stakeholders.
- Using tools such as SQL Workbench, Power BI, and Excel to analyze and interpret data.
- Collaborating with team members to identify trends, patterns, and insights in the data.

Education

Year	Examination	Institution/College Name	University/Board Name	Percentage
2023	M.Sc.	Symbiosis Institute of Computer Studies and Research (SICSR)	Symbiosis International University	69
2021	B.C.A (Computer Application)	Garden City University, Bengaluru	Garden City University	80.40
2018	Class XII, PCM	R V I C Baijnatha, Tulsipur, Varanasi	U.P. Board	2nd Div.
2015	Class X	Sant Atulanand Convent School, Varanasi	Central Board of Secondary Education	1st Div.

Other Master's Projects

SICSR, Pune

- **Heart Diseases Prediction using ML Algorithms:** POC for Heart Diseases predictions Analysis can detect whether a patient is having the positive symptoms of diseases or not and comparison done after getting 4 different accuracy result. The database is taken from CDC Official Survey Data. Performed EDA (Exploratory data analysis) on the entire data. Performed 4 Major Classifiers of ML Algorithms to compare the result better.

Patent and Research

- Design Patient approved 402562-001 "SOLAR BASED LUNCH BOX" Date:12-02-2024 by 'IPI Gov. of India'
- Springer Conference and Chapter "Modelling Stock Prices Prediction with Long Short-Term Memory (LSTM): A Black Box Approach" at AITA 2023, Bangalore (https://doi.org/10.1007/978-981-99-8476-3_6)

Achievements & Extra-Curricular Activities

- One Week Online **FDP** on "Unveiling Innovative Teaching Approaches in Information Technology and Management" organized by MH-MMTTC, HRC, DU on 15-20 January 2024
- Faculty Coordinator of Annual Sports Day at IITM'2024; Social Media Faculty Coordinator at Fiesta IITM'2024
- Appreciated at TCS Sustainathon Pune 2021, "Waste to Wealth"
- Organising team member 2nd ICAIML International Conference 2019 – Held at Garden City University, Bengaluru
- 3rd prize at XACTITUTED 2019 Event Winner - Held at Kristu Jayanti College, Bengaluru.
- 2nd prize at XACTITUTED 2020 Event Winner - Held at Kristu Jayanti College, Bengaluru.

Skills

- Programming Language: Python
- Deep Learning, Machine Learning & It's Algorithms, AI, Computer Vision
- Tools: Excel, Power BI; Database: MySQL, Big Query (GCP); Cloud: Microsoft Azure, GCP

*Mobile: **+91-7080965306** LinkedIn: **https://www.linkedin.com/in/mr-rohit-rai/** Email: **rai13042000 @gmail.com**;*
*Date of Birth: **13**th **APR' 2000**; Permanent Address: **Varanasi, Uttar Pradesh - 221002.***