Niramay Patel

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EDUCATION

Bachelor of Science, Engineering Science (Computer Science)	GPA: 3.84/4.00	08/2023 - Current
Indian Institute of Science Education and Research, Bhopal		Bhopal, India
School	Grade: 94.8%	
Atmiya Vidya Mandir, International Residential School for Boys		

SKILLS

Experience with Python and C, Problem Solving, Data Structure and Algorithm, Object Oriented Programming (OOP), Web Development (html, css, js), Linear Algebra, Calculus, Probability and Statistics, Machine Learning Models, Math behind Machine Learning Algorithms

Handle Tech Projects, Fluent communication, Multi Tasking, Time Management, Leadership

INTERNSHIP EXPERIENCE

Data Science Intern, *Personifwy*

- Completed three projects namely:
    1. Engineered a **Hate Speech Detection** system using Decision Tree Classifier with an accuracy of 88%.
    2. Developed a **Spam SMS Classifier** leveraging machine learning algorithm Naive Bayes, which reduced unsolicited message complaints by 50%.
    3. Conducted comprehensive **credit EDA** (Exploratory Data Analysis) to optimize risk assessment and factors influencing creditworthiness.

- Cleaned and Analyzed the raw dataset with python libraries (NumPy, pandas, matplotlib, seaborne, re, skit-learn)
- Incorporated various in-built machine learning models to build these projects.
- Tested the model and made improvements to get nearly accurate results.

LEARNING FROM SEMINARS

- **"HyWay" – Hybrid Hallway,** *Dr. Venkat Padmanabhan, Deputy Managing Director, Microsoft Research India*

    It enables mingling and informal interaction among in-person and remote users in semi-structured and unstructured hybrid settings. Key to the design of HyWay is bridging the awareness gap between physical and virtual users and providing the virtual users the same agency as physical users.

- **"AI and Robotics",** *Shiv Nadar University, Noida*

    The seminar was my stepping stone in the field of AI and Machine Learning. It enveloped the idea of what is machine learning and what it could do. This fascinated me and propelled me to delve into the field of AI and robotics. By delivering insights in this field, it channelized my interest in Machine Learning.

EXTRA-CURRICULAR

- Achieved best score in **BRICS math** competition.
- Passed with **Distinction** in National and State Level Tabla Exams.