Nayan Ohri

📞 7814597193 ✉ nayanohri30@gmail.com in [LinkedIn](#) ⌗ [GitHub](#) 🌐 [Website](#)

Education

Thapar Institute of Engineering and Technology	**Punjab, India**
B.E. in Computer Engineering ; CGPA: 8.37	Aug 2020 – May 2024
National Convent Sr. Sec. School	**Punjab, India**
Class XII (CBSE); Percentage - 92.4%	Apr 2019 – Mar 2020
DAV Centenary Public School	**Punjab, India**
Class X (CBSE); Percentage - 94.4%	Apr 2017 – Mar 2018

Experience

Niti Tantra — **Remote**
Research Intern — Sep 2021 - Feb 2022
- Actively Participated in the team Discussions.
- Formulating Ideas trending in national politics.

Paryavaran Welfare Society — **TIET**
Member/Finance Secretary — Oct 2020 – July 2023
- Led team to conduct a society's flagship event ECO-PHILIA and managed finances for other events such as ECONIGMA which was another flagship event of the society.
- Tried to engage as much audience/students to contribute to environment & engage people towards the same.

Projects

Alexa Purchase Prediction Using ML | *Python, Scikit-learn*
- Prototyped a Alexa purchase system that predicts if a person is intersted in buying a product based on certain factors.
- Tested the performance of 3 machine learning algorithms (Naive-Bayes, Logistic Regression & K-NN) & achieved the best case test accuracy with K-NN.

Diabetes Prediction | *Python , Scikit-learn*
- Prototyped a diabetes prediction system that predicts diabetes in patients based on the specified symptoms.
- Tested the performance of 3 Machine Learning algorithms and achived the best average accuracy using Random Forest.

Blood Donation & Procurement Management System | *MySQL, PL/SQL*
- Built a relational database to efficiently organize data of Blood Banks & procurement network.

Certifications

OOPs Guided Path | *Coding Ninjas (August 2023)*
- Basics of Object oriented programming such as constructors, destructors, abstract class etc.

Python Essentials 1 | *Cisco Certified (July 2023)*
- Use the syntax, semantics and the most important elements of Python Standard Library to write Python scripts and resolve implementation challenges.

Mastering PL/SQL by Parteek Bhatia | *Udemy (May 2022)*
- Use triggers , cursors, procedures and functions and their use in RDBMS.

Achievements

- Solved over 350+ DSA questions on platforms like Leetcode , CodeStudio and GeeksForGeeks.
- Advanced to Flipkart Grid 5.0 Level 1.2.

Technical Skills

- C++
- C
- JavaScript
- PL/SQL
- MATLAB
- Python
- HTML/CSS
- SQL
- MongoDB

Relevant Coursework

- Data Structures
- OOPS
- Database Management
- Computer Networking
- Algorithm Analysis
- Operating System
- Artificial Intelligence