Manas Khosla

Programmer | Mentor | ML Enthusiast | Blogger

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EDUCATION

Guru Nanak Dev University — *B.Tech(CSE) Ongoing*

JULY 2017 - PRESENT

Current CGPA - 8.72

Doaba Public School, K.S. Rai, Dhariwal— *upto 10+2(PCM)*

2002 - 2017

Class 10 (CBSE):
CGPA - 9.8

Class 10+2 (CBSE):
Percentage - 78.4%

EXPERIENCE

Coding Ninjas— *Campus Ambassador*

NOVEMBER 2019 - PRESENT

- Organising local hackathons and pre-placement talks on the campus
- Promotion of Coding Ninjas and its CodeZen platform on the campus and to the peers along with the habits of writing good and clean code

CodeChef — *Campus Chapter Coordinator*

AUGUST 2018 - PRESENT

- Conducted workshops and lectures on various topics, including those on python, linux, and open source
- Set problems for, and organized programming contests for students on campus

Samta Gym, Dhariwal— *Website Management*

MARCH 2018 - PRESENT

- Revamped the Internet presence of the Gym improving online engagement by 58%

SKILLS

Algorithms	★★★★★
Data Structures	★★★★★
Python	★★★★★
Machine Learning	★★★★
C/C++	★★★★
Git	★★★★
SQL	★★★
Java	★★★

AWARDS & CERTIFICATIONS

Machine Learning and Its Applications By Centre for Development of Advanced Computing (C-DAC) - Professional Certification course in ML

Programming Techniques Using C/C++ By Hewlett Packard Enterprise - Professional Certification in C & C++

MBD Talent Search Examination(2006) - Rank 1 (in District)

LANGUAGES

English, Hindi, Punjabi

PROJECTS

Diabetes Prediction and Analysis Using Machine Learning
— *Summer Project in Machine Learning*

- In this project we built a neural network for diabetes prediction based on patient data
- Successfully implemented the algorithm and increased accuracy score from 79% to 85%

Cooking, Gardening, Reading comics

Multiplayer TicTacToe with implemented AI

- A multiplayer TicTacToe game made in python
- Also with an option to play with the computer as an implementation of AI in python.

Official Website for Coding Club

- Designed and managed the official website for Coding Club of College
- Built using Jekyll framework

EncryPad - Encrypted Notepad

- Notepad made in Java which allows to create and save information in form of encrypted text
- Uses SHA256 encryption which is unbreakable as of yet
- Requires User login and encrypts the files based on user login

OTHER INITIATIVES

➔ **Founder and Chair** of **GNDU Campus Code Club**
➔ **Mentor** for the **Campus Code Club**
➔ **Official Head** of **Technical Student Society#, GNDU GSP**