ARYAN SHARMA

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DOB:19th August 2003 | **Address:** chhawla, south-west Delhi

Education

Indraprastha Institute of Information Technology,Delhi
B.Tech Computer Science & Engineering
2021 – 2025(Present)

CGPA: 7.14
(till 5th Semester)

Sachdeva Global School,Dwarka sec 18 a,Delhi
CBSE Class 12, PCM & CS
2020 – 2021

Percentage: 87.8
(best 5)

Sachdeva Global School,Dwarks sec 18a,Delhi
CBSE Class 10
2018-2019

Percentage: 88.6

Skills

Expertise Area	Data structure & Algorithm, Machine learning.
Programming Language	C++, C, Python, Java
Tools and Technologies	MySQL, Html, CSS, SimD instructions.
Technical Electives	Data Structure & Algorithm, Advanced Programming (OOPS), Computer Organisation , Operating System , Algorithm Design and Analysis & DBMS, machine learning, computer networks, computer architecture.

Projects

Machine learning model: currently working on a model which predicts No referable glaucoma (NRG) Referable glaucoma (RG) in image dataset.

(Jan' 24-April 24)
Team Size-3

- Binary classification of referable glaucoma and no referable glaucoma
- Multi-label classification of ten additional features

Independent Project   (Aug' 23-Dec 23)
Guide: Sujey Deb   Individual

- Understanding of the instruction set architecture & rocket chip (5 stage in order scalar processor core generator).

- Floating point operations using Simd architecture for RGB data and ECG data.

RTL Risc-V Processor (Computer Architecture)   (Aug' 23-Dec 23)
                                                                          Team Size-5

- Build a five stage pipeline (instruction fetch, instruction decode, instruction execute, memory access and write back).

- Explicit hazard unit which controls encountered hazards.

InstaCab : (Database Management Project)   (Feb' 23-April 23)
                                                                          Team Size-2

- Created a working Cab booking application with User and Driver's interface.
- Build using python, SQL with real time transactions, implemented embedded and OLAP queries.

Contributions and Achievements

- 2nd Position in Maths competition "ZPC-26".
- Active participator in Hackathons.
- Contributor & Member of Évariste (Maths) Club at IIIT-Delhi.

Other Interests

- Coding competitions
- Playing Chess.

Declaration: The above information is correct to the best of my knowledge.
Aryan Sharma
Date: 14 March 2024