DHRUV SHARMA

Engineering Student

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Profile

Highly motivated and detail-oriented B. Tech third-year student with a strong foundation in Python, DSA, Machine learning, data analysis in AI ML. I also have working knowledge of C++ and MySQL. Passionate about leveraging technology to develop innovative solutions and optimize system performance. Strong analytical mindset combined with excellent teamwork and communication skills. Eager to contribute technical expertise in a dynamic and challenging work environment while continuously enhancing knowledge and skill set.

Professional Experience

Tech Executive

Causmic Club, Guru Nanak Dev Engineering College, Ludhiana, Punjab
April 2023 - December 2024

- Oversaw the technical setup for GNDEC ACME event, ensuring seamless operation of systems and software.
- Coordinated and optimized lab and system functionalities, enhancing efficiency and user experience.
- Provided hands-on support in troubleshooting and system administration for various technical events.
- Developed customized software solutions to streamline event management and improve operational workflows.

Tech Executive

Centre for Multi-Faceted Learning (CML), Guru Nanak Dev Engineering College, Ludhiana, Punjab
February 2024 - November 2024

As a Tech Executive at the CML club, led data management initiatives critical to event planning and execution. Responsible for ensuring seamless data integration, analysis, and reporting for all club activities. Achieved measurable outcomes through:

- Spearheaded data management strategies to ensure smooth execution of CML events.
- Implemented optimized processes that reduced data retrieval time by 60%, enhancing operational efficiency.
- Collaborated with a team of 10 members, successfully managing event data integration and reporting.
- Assisted in developing analytical tools for event planning and performance tracking.

Media Executive

Data Science Club, Guru Nanak Dev Engineering College, Ludhiana, Punjab
September 2022 – June 2023

- Managed media and promotional activities for the club, ensuring maximum outreach for events and workshops.
- Designed and executed marketing strategies to increase participation in club activities.
- Coordinated various technical and networking events, ensuring smooth execution and engagement.

- Created digital content, posters, and announcements to enhance the club's online presence.
- Collaborated with different teams to organize data science competitions, hackathons, and knowledge-sharing sessions.

Key Skills

- **Programming Languages: Java, Python, HTML, CSS, JavaScript**
- **Software & Tools: VS Code, GitHub, Excel**
- **Core Skills: Data Structures & Algorithms, Problem Solving, EDA, Data Analysis, Machine learning**
- **Other Skills: Team Collaboration, Communication, Time Management, Conflict resolution**

EDUCATION

Bachelor of Technology (B.Tech.) in Computer Science and Engineering   July 2022 - Present
Guru Nanak Dev Engineering College at Ludhiana, Punjab

Higher Secondary Education in Non-Medical   April 2020 - April 2021
Army Public School at Patiala, Punjab
Percentage: 92%

Secondary Education   April 2018 - April 2019
Army Public School at Patiala, Punjab
Percentage:75%

Certifications

Completion of Summer Training Program   August, 2023
Pyhton by Infosys springboard

Completion of Summer Training Program   August, 2024
Machine learning by Excellence Technology, Mohali

Completion of Summer Training Program   July, 2025
Data Analysis by AI and ML from Apptechies, Mohali

Projects

- Hand Gesture recognition and Control
- Rubik's Cube Solver and Player
- AI-Carrer-Recommender
- Movie Search App
- Airbnb Clone
- Tic-Tac-Toe Game in Python