Pranshu Choudhary

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EDUCATION

Mechanical Engineering (Minor: Artificial Intelligence and Machine Learning), Delhi Technological University, November/2020 - April/2024, Delhi, India

Aggregate CGPA 8.70

Related Coursework: Programming Fundamentals, Data Structure and Algorithm, Algorithm Design and Analysis, Machine Learning,

PROFESSIONAL EXPERIENCE

Database Management Intern, Sunstone, Delhi, India, May/2022 - July/2022
- Managed a database of over 3000 students, ensuring accuracy and integrity of student information.
- Utilised the database for data analysis and derived reports and insights using Tableau, Excel, and MySQL.

Campus Ambassador, Skolar, Ghaziabad, India, March/2022
- Coordinated with student organisations to host a workshop on "Artificial Intelligence and Machine Learning," attracting 400+ students.
- Developed a team of 5 ambassadors on company products and values, resulting in a 27% increase in product sales at campus events.

Business Analyst Intern, WonderLab, Gurgaon, India, October/2021 - January/2022
- Evaluated and deciphered complex data sets using Tableau, Power BI, Excel, and MySQL, leading to the identification of key patterns and trends, resulting in a 20% increase in operational efficiency.
- Directed a cross-functional team of 20 members in the implementation of a new system, reducing errors by 14% and improving overall process efficiency by 25%.

ACADEMIC EXPERIENCE

Personal Portfolio website, Project
- Constructed a personal portfolio website using CSS, JavaScript, and HTML, showcasing skills, projects, and professional experience.

Stock Market Prediction System, Project
- Incorporated the system with relevant financial data APIs to access real-time market data, ensuring up-to-date analysis and predictions based on a dataset of over 10,000 stock market records.

Online Support for School, Project
- Developed a comprehensive online support application for students and teachers, leveraging my skills in full-stack development and utilising REST APIs and the MongoDB Aggregation Framework.
- Collaborated with a cross-functional team to ensure the successful implementation of the application, resulting in a 20% improvement in communication efficiency between students, teachers, and parents.

Machine Learning in Composites Manufacturing, Research Paper
- Evaluated the model's performance and reliability through Bootstrapping analysis, establishing a confidence interval of 92-98% for the model's accuracy and generating insights for process optimization in composites manufacturing.

VOLUNTEERING

Fundraising Intern, NGO
- Facilitated to the planning and execution of fundraising events, coordinating logistics, managing volunteers, and ensuring a seamless and successful event experience.

VOA, NSS, DTU
- Carried-out strategic planning and coordination techniques to optimise the collection, sorting, and distribution of donated food items, ensuring smooth operations and maximum community benefit.

EXTRA-CURRICULAR

- **Enactus, DTU:** Directed and organised 10+ events, drives, and projects, ensuring alignment with Enactus DTU's goals and objectives, resulting in the implementation of impactful initiatives within the community.
- **Sahitya, DTU:** Collaborated with 3+ team members to develop arguments and deliver effective presentations during college-level debates, resulting in 10+ team victories.
- **Basketball Team, DTU:** Awarded for outstanding performance at 4+ prestigious sports fests, showcasing consistent excellence and contributing significantly to the team's success and overall standing in the tournaments.
- **National Tae-kwon-do:** Achieved the prestigious Silver Award in a National Level Open Tournament, competing against top-ranked participants from across the country.
- **Skating:** Placed 1st in State Level Tournament

CERTIFICATES

- **Boston Consulting Group**: Strategy Consulting Virtual Experience Program: Market Research, Data analysis - Foundations, Data Analysis - Modelling, Understanding consumer needs, Client Recommendation.
- **TATA**: Data Visualisation: Empowering Business with Effective Insights virtual experience programme: Framing the business Scenario, Choosing the right visuals, Creating effective visuals, Communicating Insights and Analysis.
- **WALMART:** Global Tech's Advanced Software Engineering Virtual Experience: Advanced Data Structures, Software Architecture, Relational Database Design, Data Munging