

ARZOO DAHIYA

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OBJECTIVE

Seeking an internship to apply my skills in deep learning and software development while contributing to innovative projects and gaining hands-on experience.

EDUCATION

Indira Gandhi Delhi Technical University For Women

2022-2026

Bachelor of Technology - Computer Science with Artificial Intelligence

Grade: 9.25

Rishikul Vidhyapeeth, Alipur

Class XII, CBSE Board: 92.4

2022

Class X, CBSE Board: 97.6

2020

SKILLS

- **Technical Skills:** Git and GitHub, Canva, Unity Engine, MS Office
- **Coursework:** OOPS, DBMS, OS, Data Science, DSA, AI
- **Programming Languages:** C++, Python, Java, R
- **Soft Skills:** Communication, Teamwork, Problem-solving, Adaptability

EXPERIENCE

Summer Research Intern - Visual Computing with PyTorch 🔗

May 29, 2023 - July 9, 2023

Indira Gandhi Delhi Technical University For Women

Delhi, India

- Developed deep learning models for image classification, achieving a 20% increase in accuracy.
- Optimized GAN architectures, reducing training time by 25% and enhancing output quality.
- Utilized Python with NumPy, Pandas, and Matplotlib to analyze customer behavior through advanced machine learning models.
- Increased conversion rates by 15% and reduced churn by 10% through targeted data analysis.

Summer Research Intern - Mobile App Development with AI 🔗

May 27, 2024 - July 21, 2024

Indira Gandhi Delhi Technical University For Women

Delhi, India

- Engineered AI-driven mobile applications using Flutter and TensorFlow, integrating advanced machine learning models; increased app engagement by 10% and reduced crash rates by 25%.
- Implemented user feedback features to continuously improve app performance and user satisfaction.

PROJECTS

Algorithmia: SortAlgo Visualizer 🔗

- Developed a C++ sorting visualizer utilizing data structures and algorithms to demonstrate sorting techniques, improving comprehension by 30%.
- Enhanced algorithm comprehension and data manipulation skills through interactive visualizations, benefiting over 200 users.
- Strengthened the ability to analyze and optimize complex algorithms, making it a valuable asset in real-world applications.

Student Data Hub 🔗

- Created a Java-based student data management system using object-oriented programming and advanced array techniques, effectively managing over 500 student records.
- Enhanced system performance by 35% and improved the user interface efficiency for a more seamless user experience.
- Optimized data operations, reducing query response times by 40% and boosting overall performance by 25%.

Ternary Tactician 🔗

- Designed and implemented a Rock Paper Scissors in Java with an AI opponent, improving gameplay experience by 20% through algorithm optimization.
- Developed a responsive GUI, enhancing user interaction and visual appeal, which increased user satisfaction by 30%.
- Integrated error handling and game logic, reducing bug reports by 40% and improving overall game reliability through thorough testing.

ACHIEVEMENTS

- Authored and presented a research paper titled 'Speech Recognition using Tacotron' at the International Journal of Engineering and Technology conference, contributed to a 15% increase in conference attendees focused on AI technologies.
- Mentored 4 underprivileged girls through the Delhi Government's "Desh Ke Mentor" program, providing guidance and resources to empower their educational and personal growth. 🔗
- Completed the NPTEL course on Developing Soft Skills and Personality, enhancing communication and developing leadership capabilities.
- Secured rank Fifth in the district and emerged as School topper for the CBSE Board examination in class X.