

Anjali

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EDUCATION

B.TECH COMPUTER SCIENCE AND ENGINEERING

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN
Delhi, India
2021-Present

CLASS 12, CBSE BOARD
S.B.B.M. GOVT. SARVODAYA VIDYALAYA
Delhi, India
Percentage: 76%
2019 - 2021

SKILLS

TECHNICAL

Programming:
PYTHON • C++ • C • HTML/CSS • JS
Research Areas:
Deep Learning • Machine learning
Tools and Platforms:
• GitHub • Google Colab
• MySQL • VSCode
• Figma

SOFT

- Teamwork
- Time Management
- Problem Solving

POSITIONS OF RESPONSIBILITY

NATIONAL CADET CORPS (NCC)

2021 - Present
I am an earnest cadet within the Naval Wing of the National Cadet Corps, currently in possession of a B Certificate. My pursuits are now geared towards acquiring the esteemed C Certificate, signaling my steadfast dedication. With profound pride in serving my country, I am also thoroughly engaged in fostering character development.

RESEARCH SHOWCASE

25th, 26th, 29th April 2024
Volunteered and coordinate during the research showcase 2024.

MENTOR: DESH KE MENTOR

March 2022 - August 2022
Volunteered as a mentor in Desh ke Mentor and guided four mentees for STEM education.

PROFILE SUMMARY

I am a dedicated software developer with a strong commitment to academic excellence and a keen interest in Deep Learning and Machine Learning. Demonstrated proficiency in acquiring technical skills, completing relevant coursework, and actively engaging in hands-on projects. Eager to apply acquired knowledge in practical settings and contribute to innovative solutions in the field of DL and ML.

EXPERIENCE

COMPUTER VISION AND DEEP LEARNING | SUMMER INTERNSHIP

5th June 2023 - 17th July 2023

- **Image Processing:**
Techniques such as filtering, edge detection, and image enhancement. Grasping the concepts of color spaces and histogram analysis.
- **Feature Extraction:**
Learning techniques to extract relevant features from images crucial for subsequent analysis.
- **Deep Learning Frameworks:**
Learning to implement and train neural networks for image classification, object detection, and segmentation

ML AND ITS APPLICATION IN CYBER SECURITY | SUMMER INTERNSHIP

13th June 2022 - 25th July 2022

- **Specific Machine Learning Applications in Cybersecurity:**
Developing models for identifying and classifying malware in files and network traffic.
- **Cybersecurity Fundamentals:**
Familiarizing yourself with security protocols and technologies such as firewalls, VPNs, and encryption.
- **Tools and Frameworks:**
Developing proficiency in Python, along with relevant libraries such as Scikit-learn and TensorFlow.

ACADEMIC PROJECTS

HEALTHCARE APP DESIGN PROTOTYPE CRAFTED IN FIGMA Link:Prototype

June 2024

Description: Designed a healthcare app prototype using Figma.

Features:

- User-friendly interface for easy navigation.
- Health monitoring.
- Appointment scheduling.
- Secure patient data management.

INNOVATIVE DEEP LEARNING MODELS FOR BREAST CANCER PREDICTION

Link: GitHub Repository

June 2023 - July 2023

Worked in collaboration under mentor guidance to predict on breast cancer.

- Utilized neural networks, particularly CNN, to analyze mammograms or medical data.
- Developed models to predict breast cancer likelihood from extracted features, aiding early detection and improving patient outcomes.

PREDICTIVE MODELING FOR LOAN APPROVALS BASED ON CREDIT ANALYSIS

Link: GitHub Repository

June 2022 - July 2022

Collaborative efforts with a team consisting of six members to predict loan approval for customers based on their credit scores using ML techniques.

- Applied algorithms for intrusion detection and vulnerability assessment.
- Focused on real-time threat analysis, ethical considerations, and collaboration with cybersecurity experts.