Eshe Dogra

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PROFILE

As a dedicated data science student, I passionately bridge the realms of data and celestial phenomena for groundbreaking insights. My leadership aptitude fuels collaborative synergy within teams, propelling us towards shared objectives. Through a practical approach, I swiftly unravel complex challenges. I embody insatiable curiosity, driving relentless personal and collective growth.

GENERAL SKILLS

- **Programming:** Python, Javascript, HTML, CSS, Java, SQL, R
- **Frameworks:** React, Django, Tailwind CSS, Node.Js
- **Data Visualization:** Excel, GoogleSheets, Matplotlib, Tableau, PowerBI
- **Tools:** Figma, Git Hub, Git, Docker
- **Languages:** English, Hindi, Punjabi, Japanese

WORK EXPERIENCE

- **Frontend and AI Development Intern -**

  Swalook(*ongoing*)- Cloud based software development for salon services.

  - Website deployment for administration.
  - AI modules and API integration for customer services.

PROJECTS & SKILLS SUMMARY

Assistace - Exam assistance blogs website

- Full stack website development with React framework and MongoDB support with google authentication.
- Features include blog publishing with bad words detection and standard operations.

Chatbot assistant - Virtual Assistant for website

- Python based chatbot with deep learning and natural language processing for websites.
- Virtual assistant for navigation and basic FAQ.

PUF Attacks and Security with Blockchain- Research and Development Project *(ongoing)*

- Security from counterfeit hardware and machine learning attacks on PUF used for digital fingerprint of the IC. Blockchain architect provides security for the digital fingerprint providing layers of security.

Bags of Little Bootstrap- Statistics project for sampling

- Comparitive study of the BLB technique which offers a computationally efficient alternative to traditional bootstrap sampling, enhancing the efficiency of ensemble construction.

EDUCATION

B.Tech, Computer Science

NIIT University

📅 Year of Completion - 2024
   CGPA- 6.95 (current)

Senior Secondary (XII)

Shivalik Public School (CBSE BOARD)

📅 Year of Completion - 2020
   CGPA- 8.7

Secondary (X)

Shivalik Public School (CBSE BOARD)

📅 Year of Completion - 2018
   CGPA- 9.3

TRAININGS

Geoprocessing with Python
ISRO, online
Python for Machine Learning
Great Learning, online
SQL for Data Science
Great Learning, online
Predictive Modelling and Regression
Great Learning, online
Data Visualisation with PowerBI
Great Learning, online

RESPONSIBILITIES

Student Coordinator
NIIT UNIVERSITY ROBOTICS AND ELECTRONUCS CLUB
Organizer
HULT Prize NIIT University