ANSHIKA REWLIYA

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EDUCATION

Indira Gandhi Delhi Technical University for Women — New Delhi, India
Bachelor of Technology - Computer Science with Artificial Intelligence(CSE-AI); CGPA: 9.09 — *Nov 2022 - Present*

Modern Public School — Shalimar Bagh, New Delhi, India
Standard - 12th(CBSE); Percentage: 94.4 — *2021-2022*

Modern Public School — Shalimar Bagh, New Delhi, India
Standard - 10th(CBSE); Percentage: 95 — *2019-2020*

EXPERIENCE

Summer Research Internship Program at IGDTUW | [GitHub](#) — May 2023 - Jul 2023 (6 weeks)
- Actively participated in "Visual Computing with PyTorch," focusing on advanced computer vision techniques through workshops and training sessions.
- Developed and compared EfficientNet, ResNet50, and VGG16 models in PyTorch, identifying the top-performing model for Facial Emotion Recognition. Additionally, authored a research paper on the comparative analysis.

PROJECTS

Apache Log File Analysis | Python, Matplotlib — [GitHub](#)
- Parsed Apache log files for IP addresses, timestamps, platform, URLs, and response codes, ensuring a comprehensive understanding of data.
- Executed diverse operations on log data, deriving insightful statistics, and used effective data visualization techniques like bar graphs for clarity.

EthicalWebGuard | BERT, Python, Flask — [GitHub](#)
- Implemented BERT-based models in Python and Flask to identify dark patterns on e-commerce platforms. Trained machine learning models using scikit-learn, ensuring robust evaluation metrics and seamless integration with the website's structure
- Developed and integrated user-friendly UI/UX designs for a browser extension, utilizing Python and Flask to enhance website interaction and usability

ACHIEVEMENTS

- Secured 1st prize in a national ideation Hackathon on Waste to Wealth by the Maharashtra Pollution Control Board (MPCB) and received 3 lakhs cash prize.
- Secured positions in the top 15 teams for Trash to Treasure (by CPCB), Reign'23 (by IGDTUW Resource), and Pollux'23 (by Celestial Biscuit IGDTUW).
- Qualified for Round 2 in Dark Patterns Buster Hackathon 2024 and Young Barons Elevator Pitch 2024 (by Enactus, IGDTUW).
- UI-UX designs and logos: [GitHub Repository](#)

TECHNICAL SKILLS

Languages: Java, Python, SQL, R, Newbie to HTML and CSS
Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Database Management Systems, Introduction to Data Science
Tools: VS Code, Canva, Figma, StarUML, Google colab, Github

LEADERSHIP/EXTRACURRICULAR

Rotaract Club of IGDTUW (RCIGDTUW) — Dec 2022 - Jul 2023
Member of the Community Services Team
- Volunteered at Rotaract for community betterment under Rotary's non-profit initiatives

Desh Ke Mentor — Jan 2023 - Jun 2023
Mentor
- Voluntarily mentored 4 girls in DKM, Delhi Government's education and career guidance initiative for grades 10-12