Divanshi Jain Upcoming SWE Intern at Google

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EDUCATION

B.Tech Computer Science and Engineering	11/2022 – 05/2026
Netaji Subhash University of Technology CGPA 8.4	New Delhi, India

RPVV, Lajpat Nagar	2019 – 2022
12th CBSE - 96.6%	New Delhi, India
10th CBSE - 93.2%	

INTERNSHIPS

Technical Intern - Traqcheck 05/2024 – present
- Integrating AI/ML technologies to enhance automated background verification services.
- Developing an advanced address verification system using machine learning, aiming for full automation.
- Creating and implementing machine learning models to improve verification accuracy and efficiency.

CrazyGoldFish - Intern 05/2024 – 07/2024
- Developed a custom chatbot tailored to the company's specific needs and educational focus.
- Created internal APIs to streamline company processes and improve data flow between different systems.
- Contributed to the company's mission of revolutionizing education through innovative AI-powered API solutions.

Loopworm - Research Intern(AI/ML) 01/2024 – 04/2024
- Contribute to the project aimed at industrializing silk production through AI integration.
- Assist in the creation of automation tools for researchers in extracting nucleotide sequences from research papers and
- many other activities that are time consuming.

SKILLS

Java | **Python** | **Artificial Intelligence:** Machine Learning, Deep Learning, Natural Language Processing (NLP), Reinforcement Learning |
Web Development: HTML, CSS, JavaScript, Express JS, Node JS, MongoDB, ReactJS

SCHOLARSHIPS

Vahani Scholar 2022, *Vahani Scholarship Trust*
Scholarship for higher studies in India, among 50 scholars selected across India.

Reliance UG scholar 2022, *Reliance Foundation*
One of the 5000 scholars selected from 40000 applicants.

AWS ML scholar 2023, *Amazon*
Received scholarship to learn from the best course for AI and ML. Also part of the mentor - mentee group of AWS

Udayan Shalini fellow 2020
Provides financial as well as mentor support to girls pursuing higher studies.

PROJECTS

Landmark-Classification-tagging-for-Social-media ⧉
- Developed a landmark classification system for social media image tagging, comparing a custom-built Convolutional Neural Network (CNN) with a fine-tuned pre-trained deep neural network.
- The project utilized a dataset of 50 landmarks to evaluate both models' accuracy and efficiency in identifying landmarks from images.

Digits-Classifier ⧉
- Developed a high-performance handwritten digit classifier using Convolutional Neural Networks (CNNs) and PyTorch.
- The model achieves 98% accuracy on standard datasets, demonstrating robust classification capabilities.
- Optimized the CNN architecture to balance accuracy and processing speed, making it suitable for real-time applications.

Credit-Card-Fraud-Detection ⧉
- Developed a machine learning-based system to identify and prevent fraudulent credit card transactions in real-time.
- The model utilizes advanced algorithms to analyze transaction patterns, user behavior, and historical data to accurately flag suspicious activities.

Predict-Bike-Sharing-Demand ⧉
- Participated in the Kaggle Bike Sharing Demand competition, leveraging AutoGluon, an automated machine learning library, to predict bicycle rental demand.
- The project applied advanced ML techniques to analyze environmental and seasonal factors affecting bike rentals.
- This work showcased proficiency in AutoML tools, feature engineering, and predictive modeling, while addressing a real-world transportation forecasting challenge.

EXTRA-CURRICULARS

ASN (Algorithm Society of NSUT) 2023 – present
- Key Role in DSA Teaching Sessions: Playing a vital role as a member of the SIG team, actively involved in organizing and conducting DSA teaching sessions for first-year students.
- Educational Impact: Contributed to the academic success of peers by delivering effective teaching sessions and promoting a deeper understanding of DSA

IEEE NSUT Member 2022 – present
- Active Member: Engaged as a member of the prestigious Institute of Electrical and Electronics Engineers (IEEE) at NSUT, contributing to one of the oldest and globally recognized tech societies.
- Tech Community Involvement: Participated in various events, workshops, and discussions within the IEEE community, staying abreast of the latest developments in the field of electrical and electronics engineering.