AKSHAT GUPTA

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EDUCATION

SHIV NADAR UNIVERSITY
B.Tech- Computer Science
Jul 2017 - Present
CGPA: 7.38

Additional Minor:
Business & Management

D.P.S ROHINI
High School
Graduated May 2017
CBSE Board: 93.5%

SKILLS

LANGUAGES
Java • Python • C • C++ • C# • R
HTML • MySQL • MATLAB • LaTeX

TECHNOLOGIES
CSS • .NET Core • Razor Pages •
Flask• Numpy • Pandas • SciKit
PostgreSQL• Version Control: Git

DOMAINS
Data Analytics • Machine Learning
CI/CD • Product Management
Full Stack Development • Scripting

CO-CURRICULAR

HACKDATA
Organizer and Curator
Lead organizer of SNU's annual
hackathon, which had participation from
over 31 universities and a total of 60
teams.

VISUALLY-SNU
Associate Secretary
Responsible for planning, overall
functioning and implementation of events
and competitions held by the Photography
and Filmmaking Society of SNU.

FEEDING INDIA
Sponsorship Consultant
Spearheaded the sponsorship team of
Feeding India - SNU Chapter for various
events and drives conducted by them.
Feeding India is a national non-profit NGO.

EXPERIENCE

DELL EMC | Software Development Intern
May 2020 - Aug 2020
- **Full stack development for 3 dashboards** to monitor accessibility details and reports of products across BUYER division of Dell. Generated detailed Accessibility Reports for different product URLs scanned.
- Introduced a Scoring System for easy readability of reports for the management.
- Addition of Admin Page to monitor various teams complying with the solution.
- **Responsible for 70% WCAG 2.1 Level AA compliance**, with future plans to expand to other divisions within the organisation.

DRDO (LASTEC LAB) | Research and Development Intern
Jun 2019 – Aug 2019
- Worked on **Emotion Recognition from EEG Signals**.
- Developed Emotion Recognition models using Machine Learning on EEGSignals using the DEAP dataset, to achieve an accuracy of 83.4%.
- Researched and develped various signal transforming algorithms like DWT for feature extraction, optimizing machine learning models and train them.

PROJECTS

Product Recommendation Engine
- Secured 1st place in Dell Hack2Hire 2019. Designed for users' browsing habits across various IT domains to recommend customer specific products with minimal information retrieval.
- Web scraping and feature optimization along with development of ML models to increase accuracy coupled with Flask and basic front end development.
- Best overall solution with feasible business application and increased revenue generation.

Tour d'India
- A tourism application created in Java and mySQL with extensive GUI designing, databases and querying.
- Involves both user and administrator interfaces, to interact with data and bring out the optimal tourist experience for any city in the Indian Subcontinent.

Intelli-Games
- Developed AI based Sudoku Solver (with GUI) and Tic-Tac-Toe (console based)
- Implemented AI techniques using a magic square based game playing strategy and backtracking algorithms for a computer vs human gameplay.

CPU Scheduler
- Developed using Java to display different scheduling policies for various input processes.

Active Networks as Computer Architecture
- Research oriented project exploring active networks and different ways to use them as a computer architecture for better and efficient computational models.

Text Editor
- Developed a full fledged text editor in Java with features like basic text editing, inserting, resizing shapes, selective text formatting etc.