Aman Verma

Student

Pre-Final Year at Indian Institute of Information Technology Guwahati

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EDUCATION

Bachelors of Technology in Computer Science and Engineering

Indian Institute of Information Technology Guwahati

12/2021 - Present

8.23

COLLISES

Machine Learning

DBMS

- Artificial Intelligence

Data Structures

- Algorithms

Operating System

- Computer Networks

- Cloud Computing

WORK EXPERIENCE

GDSC Lead

Google Developer Students Club

08/2020 - Present

Roles

- GDSC Lead : As a Lead, I oversee and facilitate technical learning and collaboration among students, organizing workshops, events, and projects.
- App Development Lead : As a Facilitator for guiding students about development in Android.

Programming Coordinator IIITG Programming Club

01/2023 - 08/2023

Role

- As a Club Coordinator, I plan events, mentor and promote programming culture for IIITG Programming Club.

ACHIEVEMENTS

COMSYS-23

Ranked top 20 among 623 teams in **Kaggle Hackathon** by Jadavpur University and IIT Mandi.

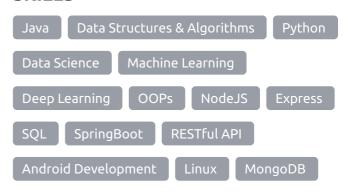
Tink-A-Thon

Secured 2nd position in 48 hours long Inter-Institute Hackathon (IIIT Guwahati and IIIT Kota)

Hackathons 🗹

Participated in hackathons like Samsung: Solve for Tomorrow, Walmart Sparkathon, KAVACH-23, and SIH-22, addressing diverse problem statements.

SKILLS



PERSONAL PROJECTS

Handwritten Digit Recognition 🗗

- Achieved an accuracy rate of ~99% by implementing a Neural Network(LeNet) architecture.
- Implemented a model that allows real-time recognition of handwritten digits from scanned images.

Face Classification 🗹

- Utilized scikit-learn for face classification on the fetch_lfw_people dataset.
- Reduced dimensionality with PCA and employed SVM classification with GridSearchCV.
- Evaluated the model via a classification report, highlighting precision, recall, and F1-score metrics (with ~80% accuracy)

IndieTour 🗹

- Developed a tourism-based Android Application using Java, Android Studio, Firebase, and the OpenWeather API.
- Demonstrated Android development skills and teamwork during an inter-institute hackathon (IIIT Guwahati and IIIT Kota).

Knowledgify 🗗

- Developed an Edutech Android app using Java, Android, APIs, and Firebase integration for authentication, cloud storage, real-time database, and cloud messaging.
- Achieved 10K downloads and maintained a 4.1/5 rating, reflecting its significant educational impact.

CERTIFICATES

Udemy Data Science and Machine Learning Certification (08/2023)

Involved projects and practical knowledge of Data Science, Machine Learning and Deep Learning