

Aastha Singh

DOB: 31 August 2002

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EDUCATION

AMITY UNIVERSITY GWALIOR
B. TECH IN COMPUTER SCIENCE
June 2024 | Gwalior, MP
Cum. GPA: 8.11

DPS KALYANPUR
12TH CBSE | PCM
May 2019 | Kanpur
Percentage: 93.2

DPS KALYANPUR
10TH CBSE
June 2017 | Kanpur
Cum. GPA : 9.8

LINKS

GFG: [//raghuvansfadw](#)
Hackerrank: [//aastharaghuvans1](#)
Leetcode: [//AasthaSinghRaghuvanshi](#)

COURSEWORK

UNDERGRADUATE

Artificial Intelligence & Machine Learning
Object Oriented Programming
Data Structure Algorithms
Database Management System
Computer Networking
Operating System
Data Analytics
Web Technology

SKILLS

PROGRAMMING

Languages:
C, C++, SQL, Python, Java
HTML, CSS

PERSONAL

Outgoing| Team Player| Adaptability
Social Intelligence| Acumen|
Assertive

EXPERIENCE

The Sparks Foundation | ML Intern
July 2022 – Aug 2022

- Tech Stack used: Python, Jupyter, scikit-learn, NLTK.
- Worked in the visualization and analysis of the dataset.
- Increased the site's traffic by 8.4% and accuracy by 6.2%.

Deloitte Virtual Internship Program
April 2023

- Tech Stack: Python, Tableau, Data Visualization
- Worked on the project to analyze and visualizing the data and ensured that the code met the requirements of the client.
- Decreased the code execution time by 8%.

PROJECTS

Building the Neural Network | Deep Learning, Colab, NumPy, matplotlib

- A Deep Learning project to build a simple neural network.
- Used mathematical functions to compute forward and backward propagation.

Blood Bank Management | HTML, React JS, Firebase

- Built a simple website to connect people who are blood-recipients and blood-donors.
- Donor can put their donation details and the amount they can donate, and the person-in-need can contact the respective donor.

Breast Cancer Detection by histopathology images | CNN, Colab, ML

- A deep learning project to detect whether the patient has a benign or malignant tumor in the breast.
- Uses CNN algorithm to determine and analyze the condition by convolutional layers, pooling layers, fully connected layers, and activation functions

ACHIEVEMENTS

- Attended Virtusa's global initiative "Engineering Equity Hackathon" held between February 2023 - March 2023.
- Participated in Code4YOUth Hackathon by Sydney + HCLTech in June- 2023
- Solved 300+ DSA questions.
- 5-Star in C++(problem-solving) in Hackerrank.

CERTIFICATES

- Python 3 Programming Specialization by Coursera
- Machine Learning taught by Andrew NG, Coursera
- Neural Networks and Deep Learning course by Andrew NG, certified by Stanford University.
- 8-week Google Analytics Course by Google.