

# Anushka Bhattacharji

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## EDUCATION

### SRM UNIVERSITY

BTECH IN COMPUTER SCIENCE  
SPECIALIZATION IN ARTIFICIAL  
INTELLIGENCE AND MACHINE  
LEARNING  
2022-2026 | Chennai, India  
CGPA: 10.0 / 10.0

### DELHI PUBLIC SCHOOL

AISSCE | CLASS 12  
2022 | Kolkata, India  
Percentage: 95%

### G.D.BIRLA CENTRE FOR EDUCATION

CISCE | CLASS 10  
2020 | Kolkata, India  
Percentage: 98%

## LINKS

Github://[anushka4124](#)  
LeetCode:// [anushka\\_bhattacharji](#)  
Coding Ninjas:// [Anushka Bhattacharji](#)  
Codechef:// [anushka4124](#)  
HackerRank:// [anushka\\_B](#)

## COURSEWORK

### UNDERGRADUATE

Data Structures and Algorithms  
Operating Systems  
Object Oriented Programming  
Database Management System  
Computer System Organisation and  
Architecture  
Artificial Intelligence  
Advanced Programming Practices

## SKILLS

### TECHNICAL

- Python • C++ • C
- HTML • CSS • JavaScript
- SQL • MySQL
- Machine Learning
- Data Science • Data Analysis • Data Visualization

### OTHER

- Creative Writing
- Public Speaking

## EXPERIENCE

### WEBSTACK ACADEMY- WSA | FULL STACK DEVELOPER INTERN

February 2024

- Engaged in a web development endeavor focused on facilitating the discovery of cozy homestays throughout India.

### SUVIDHA FOUNDATION (SUVIDHA MAHILA MANDAL)

| MACHINE LEARNING RESEARCHER

January 2024

- As ML researchers, we analyzed the evolution of women's empowerment by gathering and processing 1000 news headlines per team member from 1950 to 2024. We sourced headlines from reputable publications like Times of India and The Hindu, then refined the datasets meticulously. This process enhanced our proficiency in data engineering, equipping us with essential skills for robust data analysis.

### TECHNOHACKS EDUTECH | MACHINE LEARNING INTERN

September 2023

- Developed a predictive model for heart disease utilizing the Cleveland Database, employing diverse machine learning algorithms to enhance accuracy and effectiveness.
- Investigated unemployment rates comprehensively, analyzing trends and identifying influential factors to gain insights into their impact on different demographic segments.

## PROJECTS

### RESQBITES December 2023

Project Link

- In order to contribute to a world grappling with the paradox of food scarcity and wastage, built this robust and reliable Food Waste Reduction and Redistribution system.
- The project employs a Random Forest Classifier to categorize surplus food, reducing waste. It offers nutritional analysis, optimizes distribution by mapping donors to NGOs, and ensures real-time database connectivity for streamlined delivery. Additionally, it includes a feature for tracking model accuracy, preventing overfitting.

TECHNOLOGIES USED: PYTHON, SQL, DATA SCIENCE, MACHINE LEARNING

### DROWSYGUARD October 2023

Project Link

- Addresses the significant issue of drowsy driving, a leading cause of global road accidents and fatalities. Developed a real-time monitoring system utilizing Computer Vision and the Euclidean Algorithm for Eye-Aspect-Ratio, complemented by a Machine Learning Algorithm - Haar Cascade Classifier. Upon detecting signs of drowsiness, such as drooping eyelids, the system triggers an alarm, effectively alerting drivers and mitigating potential accidents.

TECHNOLOGIES USED: PYTHON, MACHINE LEARNING

## AWARDS

- ACADEMIC EXCELLENCE AWARD| UNIVERSITY FIRST RANK HOLDER
- SMART INDIA HACKATHON COLLEGE LEVEL FINALIST  
September 2023