

Vagish Yadav

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Education

Netaji Subhash University of Technology
GPA: 8.5 / 10

Bachelor of Science in Computer Science, Maths
Expected Graduation: May 2026

Work Experience

- **Machine learning Intern** **Outlier AI** December, 2024- January, 2025
Collaborated with cross-functional teams to implement end-to-end AI solutions, enhancing system scalability and performance. Conducted data preprocessing, feature engineering, and hyperparameter tuning, reducing language model training time by 25%.
- **Teaching Assistant** **NSUT University** December 2023 – May 2024
Managed course material for Undergraduate course in 'Data Structures', coordinating with professor and other TAs to help students understand the theoretical concepts and guide them throughout the semester.
- **IT Intern** **Thrive NGO** May 2024 – September, 2024
Managed database in SQL, PostgreSQL, and revised the network queries for updating, formulating new entries. Led to +150% productivity increase in the NGO's operations with smoothening of establishing new records and integrating the past data.

Projects

- **Credit Card Fraud detection ML model**
 - Built a ml classification model based on several different classifier model [LinearSVC(), RandomForestClassifier(), SGDClassifier(), Perceptron()]
 - Achieved accuracy of more than 90% on simulated test data, with Weighted accuracy and confusion matrix.
- **Dynamic Blogging website and [Personal Full stack Website](#)**
 - Fully functional website with capabilities to handle, process and store user input. Client and server side enabled, using firebase console, node.js, CSS, HTML.
- **Licence Plate Recognition Model**
 - Using CNN networks, built a model with an accuracy of 85%+ in classifying, predicting and storing the licence plates data, with inbuilt neural net to constantly improve the future predictions.

Awards:

Asia-west ACM - ICPC regionalist	[2023]
Indian National Physics Olympiad- bronze medalist	[2021]
National Talent Search Exam Scholar [top 100 out of 100k+ students]	[2020]
Junior Science Talent Search Exam Scholar [top 60 out of 40k+ students]	[2019]
Smart-India Hackathon - Semifinalist	[2023]
Solstice Math Olympiad -global top50	[2024]

Extra-Curricular Activities:

Machine learning lead - Google developer society [May, 2024 – present]
Running Team Captain of NSUT, lead our university to Delhi State meets, and pan-India running meets.

Relevant Skills: (*Proficient*): Python, C++ , SQL, Javascript, Node.js, CSS, Flask, tensorflow, sci-kit learn, Pytorch, opencv, CNNs, HTML, REST.API.
