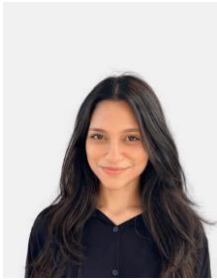


ANIMIKHA BASAK

3rd Year Undergraduate, KIIT BHUBANESWAR

animikhabasak@gmail.com



EDUCATION

YEAR	QUALIFICATION	INSTITUTE	CGPA/MARKS
2026	4 YRS B. Tech Computer Science	Kalinga Institute of Industrial Technology, Bhubaneswar	8.05/10

PROJECTS

SOLVING GLOBAL LOGISTICS | GENETIC ALGORITHMS | C++MAY, 2024

https://github.com/animikha7/VEHICLE_ROUTING_PROBLEM

- Engineered a **genetic algorithms** framework to tackle intricate global logistics challenge or the Vehicle Routing Problem
- Devised an **optimization strategy** for the **Vehicle Routing Problem (VRP)** using genetic algorithms, ensuring route efficiency
- Integrated mutation techniques with a **25% probability** to adjust population dynamics, enhancing algorithmic performance
- Developed an advanced **fitness evaluation** method by using parameters like **standard deviation** and **optimizing** routes

SOCIAL NETWORK ADS | LOGISTIC REGRESSION | MACHINE LEARNINGJULY, 2024

<https://github.com/animikha7/Logistic-Regression-Model-for-Social-Network-Ads>

- Logistic Regression model is used to predict whether a user would purchase a product based on age and estimated salary, using the Social Network Ads dataset.
- The model achieved a certain accuracy on the test set, evaluated through a confusion matrix and accuracy score.

SKILLS

LANGUAGES: C | C++ | Python | HTML | CSS | SQL

RELEVANT COURSEWORK

Data Structures and Algorithm | OOPS | Database Management System | Operating System | Machine Learning | Computer Vision and Pattern Recognition | Design & Analysis of Algorithms | Computational Intelligence

POSITIONS OF RESPONSIBILITY

MEMBER AT NSS, SCHOOL OF ELECTRONICS, KIIT

DOMAINS: Photography | Graphic Designing