

Jagadish Das

Int. M.Sc. | NIT Rourkela

Final Year, Life Science

DOB: 06.03.2002

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Skills

GENERAL PROGRAMMING

C++, Python, Javascript

ALGORITHMS

ML, DL, Neural Networks

FRAMEWORK

PyTorch, Tensorflow, Keras

LIBRARIES

NumPy, Pandas, Matplotlib

Seaborn, Sklearn, Pillow

OpenCV, NLTK, YOLO

SOFTWARES

MS-Excel, Power BI, ImageJ

Links

Website: [jagadish-das](#)

GitHub: [jagadish-das](#)

LinkedIn: [jagadish-das](#)

Relevant Courses

Basic Programming

Machine Learning

Deep Learning

Digital Image Processing

Bioinstrumentation

Bioinformatics

Biostatistics

Education

2020-PRESENT

INT. M.SC., LIFE SCIENCE

NIT Rourkela

CGPA : 7.44/10.00

MAY 2019

INTERMEDIATE - CHSE

Stewart Scienc College, Cuttack

Percentage: 68.8%

MAY 2017

MATRICULATION - CBSE

Kendriya Vidyalaya No.3, Cuttack

CGPA: 10.00/10.00

Work Experience

2024-NOW **Research Project, NIT Rourkela**

Lead Researcher

Working on a project using **ConvNeXt** to predict gene mutations from histopathological slide images of Liver Hepatocellular Carcinoma, collected from the TCGA database.

2024-NOW **Disertation Project, NIT Rourkela**

Thesis Researcher

Working on a project using **YOLO11-cls** to classify *Catopsilia pomona* wings as male or female, detecting coloration and patterns on both dorsal and ventral surfaces to analyze sexual dimorphism.

JUNE 2024 **Summer Internship, IIT Indore**

Research Intern

I have worked on a summer research project titled Analyzing MRI Images to Investigate Brain Abnormalities in Patients with Metabolic Disorders. The images were analyzed using the ImageJ program to quantify cell numbers, and medical image quantification was performed.

Certificate of Completion

Projects

MAY 2023 **Brain Tumor detection**

DL, CNN, Open-CV

The model analyzes MRI scans to detect brain tumors by learning patterns through CNN. It provides a result of either Positive if a tumor is detected, or Negative if no tumor is detected.

Github Repo

DEC 2022 **Breast Cancer Prediction**

ML, Logistic Regression

The model analyzes input data from datasets collected from Kaggle to predict breast cancer, classifying cases as malignant or benign based on patient inputs.

Github Repo

JULY 2022 **AI Doctor: ChatBot**

Tensorflow, NLTK

The model was designed to assist users in medical research and diagnosis-related queries and to provide accurate and relevant responses to users' health-related questions.

Github Repo

Competitions/Awards

DEC 2023 **Mood Indigo, IIT Bombay**

Finalist

Participated in Beat the Street at Mood Indigo, Asia's largest cultural fest, and became finalists in this street dance championship.

Certificate

Nov 2021 **GSSoC India Summit, Hackathon**

Winner

Developed a website **amaOdisha** focusing on promoting our culture which includes 3D views showcasing lost structures of monuments.

Certificate