

DEBJIT MANDAL

<https://debjit-mandal.is-a.dev>

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EDUCATION

Kalinga Institute of Industrial Technology
B.Tech, Computer Science and Engineering

2022 - 2026
GPA: 9.12

EXPERIENCE

CAMPUS AMBASSADOR, IMUNA

JULY, 2023- AUGUST, 2023

- Promoted IMUN Online Conferences in different schools/universities and got 10+ registrations.
- Best Intern for a week.

PROJECTS

- **DSH:** A Command-Line shell made using C++.
- **Brain Tumor Detection:** A project that leverages deep learning techniques to automate the detection of brain tumors from MRI images.
- **NVIDIA Stock Analysis:** A comprehensive analysis of NVIDIA Corporation's (NASDAQ: NVDA) stock performance using statistical methods and machine learning.
- **CIFAR-10 ResNet Classification:** A project which focuses on classifying images from the CIFAR-10 dataset using a Residual Network (ResNet) architecture.
- **Mental Health Analysis:** A detailed analysis of a mental health dataset, utilizing various machine learning and deep learning models to classify user inputs related to mental health conditions and casual greetings.
- **Market Mood Index(MMI) Analysis:** A project that analyzes the relationship between the Market Mood Index (MMI) and the NIFTY Index from 2012 to 2024.
- **DriveSense:** An advanced smart car assistant system that combines conversational AI with video processing and machine learning capabilities.

PROGRAMMING LANGUAGES AND TOOLS

Python, scikit-learn, NumPy, pandas, TensorFlow, Excel, PowerBI, MySQL, Matplotlib, C, NLP, JavaScript, Go, Rust, MongoDB, Git, SourceHut, GitHub, GitLab