GitHub: github.com/d2Anubis [Niharika]

Email: niharikacpl@gmail.com

(+91) 7061548071, 9472204327

NIHARIKA

Education

National Institute of Technology, Durgapur B. Tech; **CGPA: 8.16/10**		2018 - 2022
Senior Secondary - Central Board of Secondary Education **Percentage: 87.8%**		2016 - 2018
High School - Central Board of Secondary Education **CGPA: 10/10**		2005 - 2016

Experience

Data Analyst Internship - Leap Club   Aug 2021 - Oct 2021
Created dashboards and performed cohort analysis, retention curves of customers and performed various analysis to find out customer needs. Used: SQL, superset, Google Analytics

Winter Research Internship - Machine Learning Internship - IIIT Allahabad   Nov 2020 - Jan 2021
Worked on the BERT model to detect hate speech on hit songs. Performed transfer learning and zero-shot learning. Used: PyTorch, Matplotlib, Python, Pandas, Google Colab

Technical Content Writer Internship - GeeksforGeeks   Jan 2021 - Jun 2021
Published various articles related to Python libraries. Active contributor and scripter.

Achievements

Award - 1st Runner-up App Dev (Big Data) Hackathon by **American Express**
Extracted dataset from Twitter and made a model using NLP to drive better customer satisfaction.
Technologies used: PySparks, Koalas, Twint, NLTK, Matplotlib, Seaborn
Emerged as first-runner up amidst more than 2500 participants with **Rs 20k cash prize**

Award - 2nd Runner-up EY GDS Hackpions 2.0 by **Ernst & Young**
Created a NLP based tagging solution. Used : BM25, Word2Vec, BERT, RegEx, PyTorch, Yake!
Second - runner up among more than 800+ teams with **Rs 25k cash prize**

Finalist - Rakathon by **Rakuten**
Created a project - Hospi (All Round Health Application) using ML and Django. Got selected for the final round among 6095 teams.

Finalist - PMI Gameathon by **Project Management Institute**
Created a game that provides learning to enhance project management skills.

Projects [Portfolio: d2Anubis]

Loan Prediction (Analytics Vidhya Machine Learning Competition)
Designed a machine learning model to predict the loan eligibility based on customer credit history and application details. Conducted extensive data analysis across all parameters to understand the details of the credit industry. Used classification models like logistic regression and random forest.

Explainable AI using SHAP
Designed to provide basic interpretation to data. The project has been created as a GUI dashboard with multiple ML algorithms to test how each algorithm provides different explanations to local and global variables. Dependencies: shap, sklearn, streamlit, pickle, pandas, matplotlib, seaborn, numpy

Ugly Data : Django blog
UglyData is an initiative taken for teachers who want to share their study materials with students efficiently. Here, the teachers can post their articles, images and videos to make the contents easily understandable to the students. Website : d2anubis.pythonanywhere.com

Skills

Languages	C++, Python
Analytics	My SQL, Tableau basics, Supervised Learning, Data Analysis
Basic Web designing	HTML, CSS, Django, React, Javascript, Adobe XD, Figma
ML Libraries	Numpy, Pandas, Matplotlib, Seaborn, Sklearn, Streamlit, PyTorch