GitHub: github.com/d2Anubis [Niharika]

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NIHARIKA

Education

National Institute of Technology, Durgapur B. Tech; **CGPA: 8.06/10**   2018 - 2022

Senior Secondary - Central Board of Secondary Education **Percentage: 87.80%**   2016 - 2018

High School - Central Board of Secondary Education **CGPA: 10.00/10.00**   2005 - 2016

Experience

Winter Research Internship - Indian Institute of Information Technology, Allahabad Nov 2020 - Jan 2021

Worked on the SOTA model to detect hate speech on hit songs. Fine-tuned the BERT model to do multi-classification of song lyrics. Performed transfer learning and zero-shot learning using the current SOTA model. Used: PyTorch, Matplotlib, Python, Pandas, Google Colab

Technical Content Writer Internship - GeeksforGeeks   Dec 2020 - Present

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. Received a reward amount of 25k.

Finalist - PMI Gameathon by **Project Management Institute**
Created a game that provides learning to enhance project management skills. Emerged as a finalist with other top 8 teams. Made a windows desktop game using GDevelop and Figma.

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.

Quarter Finalist - EY GDS Hackpions 2.0 by **Ernst & Young** [Ongoing Hackathon]
Created a NLP based tagging solution. Used : BM25, Word2Vec, BERT, RegEx, PyTorch, Yake!

Projects [Portfolio: d2Anubis]

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

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.

Bike Sharing Demand (Machine Learning project from Kaggle)
Created a machine learning model to estimate the total number of rented bikes given various climatic and other features. Used various ensemble models with hyper-parameter tuning.

Skills

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