SURJAYAN DUTTA

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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
B. Tech. in Electrical Engineering	Haldia Institute of Technology	8.80	2022
Higher Secondary (PCM with Computer Science)	WBCHSE	87.6%	2017
Secondary	WBBSE	92.23%	2015

INTERNSHIPS

- **Project Intern** *July 2021*
  National Institute for Industrial Traning, Kolkata

  – Successfully build a Stock Market Analysis Project on Python with Artificial Intelligence Domain, which is approved by Indian Society of Innovative Project Research with excellent grade.Also helped them to expand their buisness and achieve profits, using business analytics.

- **Data Science Intern** *January 2021*
  Tech Learning Solutions Pvt. Ltd., Sector-V, Kolkata

  – Solved problems related to their business use-case using technologies such as Machine Learning and Data Analysis. Helped them to build a Movie Recommender System with help of TMDB movie Datasets and deployed it on Heroku and also built several projects using different machine learning algorithms with good accuracy.

PROJECTS

- **Credit Card Fraud Detection Model** *April 2022*
  Final Year Group Project github.com/surjayan

  – Developed a Credit Card Fraud Detection Machine Learning model using logistic regression algorithm .In this project we dealt with a highly unbalanced data set which includes a total of 2,84,807 transactions, 492 were fraudulent and at the end surprisingly we received 93.4 percent accuracy in measure of Industry Standard.

- **Face Mask Detection System** *October 2021*
  Personal Project youtube.com/surjayan

  – Developed a Face Mask Detection System,during Covid-19 pandemic, using Deep Learning(CNN,VGG16).Used Tensorflow and OpenCV to use web camera and predicts whether the person in the frame wearing mask or not.Achieved an accuracy of 93 percent with proper use of activation function and other algorithms.

- **Statistical Analysis on GOOGLE PLAY STORE** *January 2021*
  Personal Project tableau.com/surjayan

  – Performing a statiscal data analysis on GOOGLE PLAY STORE applications and deploy it on TABLEAU.Used tableau as a data visualization tool to to get an insight and learn the trend, pattern in an easiest way.

CERTIFICATIONS

- **Deep Learning from NPTEL** *December,2020*
  SWAYAM github.com/certificate

- **Introduction to Machine Learning from NPTEL** *April,2020*
  SWAYAM github.com/certificate

TECHNICAL SKILLS

- **Programming Languages** : Python, Java
- **Technologies** : Data Analysis, Data Science, Machine Learning, Deep Learning, Software Testing
- **Miscellaneous** : Jupyter, Scikit Learn, TensorFlow, Keras, TABLEAU, JIRA, Selenium, JMeter, TestNG, MySQL

POSITION OF RESPONSIBILITY

- **Patient Data Analyst and COVID-19 Field Volunteer of 'HALDIA FIGHTS COVID'** *June 2021*
  Volunteering during Pandemic. Gave services and helped almost 100+ patients.

- **Team Manager of 'Photography Club of HIT-Vision and Beyond'** *May 2022*
  Recruited several members in core team and organised I-CARE Inter college Photography Exhibition. .