Swagata Boruah

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A final year student and an aspiring Business Analyst with good communication and leadership skills. Seeking an opportunity to gain industry exposure and help business grow using the the skills I have gained in the domain of Machine Learning and Business Operations. Goal-oriented, quick-to-learn and has a knack for solving all kinds of problems.

Educational Background

Vellore Institute of Technology
B. Tech in Electronics and Computer engineering | *2018 - Present*
8.54 CGPA

Chennai Public School
CBSE | PCM | *2016 - 2018*
84%

SBOA School & Jr College
CBSE | *2015 - 2016*
10 CGPA

Skills & Proficiencies

- C++, Python
- Data Analytics
- SQL Server
- Machine Learning
- Deep Learning
- Tableau
- MS Excel
- Power Point

Online Certifications

Data visualization and communication using Tableau
Duke University | Coursera | *2020*

Applied Machine Learning
U Michigan | Coursera | *2020*

Convolutional Neural Networks
DeepLearning.ai | Coursera | *2020*

Work Experience

Research Intern, Center of Cyber Physical Systems
VIT | *June - July' 21*
Built a custom Deep Learning model using transfer learning and image processing to detect Diabetic Retinopathy using fundus images. Achieved an accuracy of 91%.

Projects

Customer segmentation for a telecommunication company
- The objective was to perform customer segmentation analysis on a telecom company's customer data.
- Data was preprocessed and analyzed using Python and clustering methods were used for segmentation.

Developed a database to analyze and visualize hotel booking data.
- Used SQL server to build and analyze the dataset
- Visualize the dataset for useful insights

Weather App using Microsoft Azure and Luis
- The objective of this project was to build chatbot for weather updates using Azure and Luis.

Extra Curriculars

Committee Head, National Service Scheme (NSS), VIT
June 2020 - Present

Volunteer, TechnoVIT - 2019
September - 2019

Trained Classical Dancer (Bharatnatyam)

Languages

English, Hindi, Assamese