CATHELENE GEORGE

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SUMMARY

An aspiring computer science student currently in the third year pursuing BE CSE with AI in Sathyabama University, who could benefit from a program that bridges the gap between academic study and a professional internship.
I would love to take part in this internship to build my skillset as well as work with team members in an harmony towards completion of project and gain much more valuable hands-on-experience.

EDUCATIONAL BACKGROUND

Sathyabama University

Chennai
B.E Computer Science Engineering with Artificial Intelligence
CGPA : 8.8 / 10
2022 - 2026

Alpha Matriculation Higher Secondary School

HSC (CLASS XII)
Percentage : 91.83%
2022

SSLC(CLASS X)
Percentage : 88.4%
2020

SKILLS

Programming

Experienced :

- Python
- C and C++
- Matplotlib
- Seaborn
- Scikit-Learn
- TensorFlow
- Keras

LinkedIn profile

www.linkedin.com/in/cathelene-george

PROJECTS

- **NLP : Twitter Sentiment Analysis :**

Description :
Built a tool that aims on analysing the sentiments of tweets related to a specific topic, this involves building, training, testing and deploying the model using various tools as mentioned below.
Tools :
Anaconda, Python, Scikit Learn, Matplotlib, Seaborn, Naïve Bayes classifier model ,NLTK
Outcome:
The overall sentiment of the public opinion towards the topic can be determined, which is useful for businesses, organizations, or individuals to understand the perception of their brand, product, or service.

- **Diabetic Retinopathy Detection using Artificial Intelligence :**

Description:
Built an AI model to identify signs of diabetic retinopathy in retina scans, to make diagnosing the disease easier and more accessible, this involves training a deep neural network model and Residual Blocks to detect the type of Diabetic Retinopathy from images.
Tools :
Anaconda, Keras, TensorFlow, Scikit Learn, Matplotlib, Seaborn, RESNET 18 model,
Outcome:
With the power of Artificial Intelligence and Deep Learning, doctors will be able to detect blindness before it occurs.

- **AI chatbot for Flight Booking Services :**

Description :
Built a virtual agent on Dialogflow CX, a powerful conversational AI platform provided by Google Cloud. The chatbot is trained to understand and respond to user queries using a combination of pre-defined intents.
Tools:
Google Cloud, Dialogflow CX API, Dialogflow CX.
Outcomes:
This bot is designed to handle various aspects of flight services such booking flights, checking flight status, and handling customers enquires.