**MADHANPRASATH D**

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**Career Objective**

A Self-motivated, Multi-tasking, Quick learner looking to explore the internship which provides an opportunity to expand my knowledge and skills. I am seeking for a challenging environment that will not only allow me to utilize my existing knowledge and skills.

**Education Qualification**

|  |  |  |
| --- | --- | --- |
| **Qualification**  BE Computer Science and Design | **Name of the Institution**  Karpagam Academy of  Higher Education | **CGPA/Percentage**  8.3\* |
| HSC | Government Higher  Secondary School | 77% |
| SSLC | Government Higher  Secondary School | 69% |

**Area of Interest**

* Artificial Intelligence
* Data Science
* Machine Learning / Deep Learning
* Flutter application development
* Cyber Security

**Technical Skills**

* TensorFlow, Keras
* Python
* Pandas, Numpy, Matplotlib
* Node JS
* HTMl, CSS, JavaScript
* Firebase, SQL
* Flutter
* React JS

**Project’s**

**AI Phishing Blocker**

**Learning Outcome** - Created a browser extension as a project by using Generative Adversarial Network to create the syntactic URLs to strengthen the dataset and Machine Learning algorithm to classify the URL. This project can predict the URL while rendering a website. If the website is Phishing the user cannot be allowed to access the website else the browser extension can allow the user to use the website.

**Cancer Care AI**

**Learning Outcome** – Created a mobile application by leveraging Generative Adversarial Network to create a syntactic medical image dataset and Neural network algorithm CNN for image processing, to diagnose the pre-malignancy stage of oral cancer.

**Facial Emotion Recognition**

**Learning Outcome** – Done a AI model to find the Facial Emotion Recognition and Human Activity Recognition to find the Suspicious activity in crowd and Bank. By using Media pipe, Open CV, Machine Learning.

**Dust Sensing**

**Learning Outcome** – I had created a device to find the fine dust particles in sensitive areas like ICU and Gold measuring instruments. In this I used a PM 2.5 dust sensor and Arduino UNO kit to identify the presence of fine dust.

**Android payment application**

**Learning Outcome** - Created an android payment app as a project in android studio using xml and Java programming and a firebase database.

**Certifications**

1. Certified for cancer care AI get Third prize in Cancer Hackathon organized by TN startup and Karpagam Academy of Higher Education.

2. Participated in TechThon international hackathon organized by Visionet

3. Certified in Infosys Springboard for the below listed courses:

a) Fundamental of Information Security

b) Introduction to Machine Learning

c) Basics of Python

**Internship**

1. Completed 15 days online Internship in Python at Pantech E-Learning.

2. Interned at Teachnook in Web Development Duration of two months (virtual)

**Strength**

1. Leadership

2. Quick learner

3. Strong Communication

4. Team Work

**Declaration**

I hereby declare that the information given above are genuine and true to the best of my knowledge and belief.

[MADHANPRASATH D]