Ms. Dharshini Vasudevan

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EDUCATION

Masters of Science in Information Science (MSIS)   Aug 2021 - April 2023
University of Texas Arlington   **GPA 4.0 / 4.0**

- Graduate Teaching Assistant for spring 2022 semester.
- Received " Dr.Judith J.Carrier Scholarship " ; (Honored by the Mayor ; Only two students from UTA were awarded this scholarship) - Fall'22 semester.
- Served as the **Treasurer** of an organization called Association of Information Technology Professionals (Aug - Dec 2021) and currently serving as the Vice President of the same organization (Dec 2021 - May 2022) .

Bachelor of Computer Application (BCA)   June 2018 - May 2021
University of Madras - Chennai , India.   CGPA - 7.6/10

- Published a research paper , co-authored by my professor - Dr K B Priya Iyer (2020) published in PalArch's Journal of Archaeology of Egypt / Egyptology .
  Publication Link : https://archives.palarch.nl/index.php/jae/article/view/3097
- Presented 3 papers - 'Impact of 5g on IOT' :   Presented at ICCCMIT [an international conference September 2019] , 'Bitcoin - A survey and Analysis' : Presented at Link [an inter departmental event - July 2018] and 'Deep Learning Technologies' : Presented and awarded 1st place at Link [an inter departmental event - August 2019] .

SKILLS

Programming Skills : C , C ++ , Java , Python ,JavaScript , R.
Database Technologies : SQL , MySQL , SQL lite.
Web Technologies : HTML , CSS , HTML5 , ReactJs , NodeJs , PHP.
Operating Systems : Android , MacOS , Windows , Linux , iOS .
Cloud Technologies : Amazon AWS , Azure , Google cloud .
Algorithms : Machine Learning , Deep Learning , Data structures algorithms , Data Mining.
Statistical Skills : Logical regression , Linear Regression , Probability , Advanced anlytics , TensorFlow , Neural Networking.

WORK EXPERIENCE

1. Worked as a **technical intern** for' My Assessment ', an IT start up in India and USA [June 2020 - August 2020].
2. Worked as a **full stack web developer intern** for ' Level Up Learning', an online platform where users can have access to alternative education [July 2020 - Nov 2020].
3. Worked with' Blue Curtns', an event-management company as a part of their **Public Relations intern** team as well as their social media ambassador [July 2020 - Oct 2020].

PROJECTS

1. **Predicting heart disease using Machine Learning** - developed a Machine Learning project for the binary classification of patients, based on clinical and laboratory data, according to the presence or absence of heart disease . (Machine Learning , Data Mining algorithms and Data pre-processing)
2. **Mental Health Therapeutic System** - a team project focusing on building a mental health online forum , using UML & Design analysis (Database , Hierarchy diagrams , class diagrams , activity diagrams , sequence diagrams)
3. **TRACKER** - an object detection model used to detect real time objects (created using API frameworks and Tensorflow & JavaScript)
4. **Neural Networking** – implemented a Neural Network model in TensorFlow using its core functionality and solved a multi-class classification problem using the neural network implementation. (Gradient descent algorithm with the help of TensorFlow's automatic differentiation)
5. **UBIAI NLP training model** - trained a NLP model from scratch which is ready to be deployed for a workshop hosted by UBIAI during March 2022. (NLP , Machine Learning algorithms , Google Collab)
6. **Created a chatbot using Google Dialogflow** -created a chatbot which will assist the customers of a Burger Shop to place their order. (Google DialogFlow)