Manoj Boddu

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EDUCATION

Master of Science, Computer Science   **Graduating MAY 2023**

  Arizona State University, Tempe

Bachelor of Technology, Computer Science Engineering   **SEP 2021**

  Vellore Institute of Technology, Vellore   8.25 CGPA

PROFESSIONAL EXPERIENCE

Web Development Intern - Toroid Technologies, Mumbai   **MAY 2020 – JUNE 2020**
-   Developed the web application for the company in MEAN stack
-   Responsible for the overall responsive look and feel of the website.
-   Outcome – toroid.in

Web Development Intern - Delineate Innovations Private Limited, Mumbai   **JAN 2019 – MAR 2019**
-   Developed a website for a fresh loan (loan providing company)
-   Responsible for the frontend part of the website

RESEARCH PAPERS AND PROJECTS

Research Papers:
-   **Deep Learning Techniques for Detection of Covid-19 using Chest X-rays**   **JUNE 2021**
-   Authored and published a paper in Scopus indexed journal of Adavances in Systems Science and Applications in June 2021, Volume 21 Number 2, ISSN: 1078-6236
-   **Image to Image Translation using Generative Adversarial Network**   **OCT 2020**
    Authored and published a paper in the International Journal of Scientific & Technology Research in September–October 2020, Volume 9, Issue 10, ISSN: 2277-8616
-   **Difficulty Level Prediction of a Question Paper Using Naïve Bayes Classifier**   **SEP 2020**
    Authored and published a paper in Scopus indexed Journal of Xi'an University of Architecture & Technology in August–September 2020, Volume 7, Issue 9, ISSN: 1006-7930

Projects:
-   **Covid19 Prediction using deep learning**   **AUG 2020**
    Developed a website which uses 4 deep learning algorithms to predict the covid19 probability. Users can upload their X-ray images to get their covid19 status. The web application is made using the Flask framework and for training the models TensorFlow has been used.
-   **Country Details – Python package**   **APR 2020**
    Developed a python package for countries' information and published in the official PyPI index. Users can install it using pip install country-details and can retrieve various information related to countries.
-   **Attendance Management Using Facial Recognition**   **DEC 2019**
    The software uses facial recognition for marking attendance. It is developed in python and can be useful to any organization or university which deals with attendance. The GUI of the software has been made using python Tkinter and for training, the model FisherFace algorithm has been used.

SKILLS

-   **Programming languages**: Python, Javascript, PHP
-   **Frameworks**: Bootstrap, Angular, NodeJS Flask, Django, TensorFlow
-   **Database Management**: MySQL, Sqlite3
-   **Technologies and software**: Git, Android Studio, Wordpress, linux

EXTRACURRICULAR ACTIVITIES

-   Certification in Udacity Deep Learning Nano degree course
-   Technical Head of SAHITI club at VIT, Vellore
-   Runner up in HackerTech-19' Hackathon
-   Freelancer in web development