Manoj Boddu

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EDUCATION

Vellore Institute of Technology, Vellore/India   **2021**

4-year Degree, Bachelors of Technology in Computer Science Engineering
-   Among the top 25% of the graduating class (CGPA 8.09/10, US equivalent 3.43/4)

PROFESSIONAL EXPERIENCE

Toroid Technologies, Mumbai - Web Development Intern   **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

Delineate Innovations Private Limited, Mumbai - Web Development Intern   **Jan 2019 – Mar 2019**
-   Developed a website for a fresh loan (loan providing company)
-   Received LOR from CEO desk as the best performer among other interns
-   Outcome – freshloan.in

RESEARCH PAPERS AND PROJECTS

Research Papers:
-   **Image to Image Translation using Generative Adversarial Network**   **(10/2020)**
    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**   **(09/2020)**
    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
-   **Deep Learning Techniques for Detection of Covid-19 using Chest X-rays**   **(waiting for publication)**
    We proposed 4 different algorithms for the detection of covid-19 using chest x-rays with better accuracies.

Projects:
-   **Covid19 Prediction using deep learning**   **(08/2020)**
    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**   **(04/2020)**
    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**   **(12/2019)**
    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, Flask, Django, TensorFlow
-   Database Management: MySQL, Sqlite3
-   Technologies and software: Git, Android Studio, Wordpress, Kali linux

EXTRACURRICULAR ACTIVITIES

-   Technical Head of SAHITI club at VIT, Vellore
-   Runner up in HackerTech-19' Hackathon
-   Completed a Nano degree course in Udacity
-   Volunteer in Student Sea Turtle Conservation Network (SSTCN)
-   Freelancer in web development