Vishal Chauhan

Master Of Computer Application

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Looking for a challenging role in a reputable organization to utilize my technical skills for the growth of the organization as well as to enhance my knowledge about new and emerging trends in the IT sector. I am quick learner and very passionate about working on a cutting-edge technologies that helps solving real-world problems and challenges.

EDUCATION

Master of Computer Application (MCA)
Gujarat Technological University, Ahmadabad, Gujarat

08/2018 - 07/2020   *7.03 CGPA*

Bachelor Of Computer Application (BCA)
Veer Narmad South Gujarat University, Surat,Gujarat

06/2015 - 05/2018   *6.8 CGPA*

WORK EXPERIENCE

Software Developer Trainee
Luminasic Private Limited

09/2021 - 04/2022   *Ahmadabad,Gujarat ,India*

Tasks

- I have work on python and have developed a test application for micro controllers using the python Qt5 framework.

- In this application user can easily load and acquire data as well as run data analysis with automated report generation. Large amounts of data can be easily sent to the micro controller in this application. In real time data analysis we can easily identify loss data.

- Throughout the project I learned a new python Qt5 framework for GUI application developing. And I have a good knowledge of scientific libraries like Nampy and Pandas.

COURSE AND CERTIFICATES

AI for Everyone (04/2020 - 05/2020)
Coursera

Neural Network and Deep Learning
 (04/2020 - 05/2020)
Coursera

Improving Deep Neural Networks: Hyper parameter tuning, Regularization and Optimization
 (04/2020 - 05/2020)
Coursera

Introduction To Data Science in Python
 (05/2020 - 06/2020)
Coursera

Getting Started with AWS Machine Learning
 (05/2021 - 08/2021)
Amazon Web Services

SKILLS

`C` `C++` `JAVA` `Python` `Android`

`Data Science` `Machine Learning` `.NET` `PHP`

PROJECTS

Attendance Management System (PHP ,Laravel)
 (12/2019 - 06/2020)

- Our project is designed to address day-to-day problem to track students attendance.Our system saves time and reduces errors. Our system is tracking student's attendance base on subject and department everyday.

- If the student absent more than three days then it can automatically send text or e-mail to student's parents. Our system also allows user to generate attendance report based on weekly, monthly or year.

- Our system also tracking student's assignment subject and department everyday. If the student failed to submit the assignment for more than three days then it can automatically send text or e-mail to student's parents.

Face Mask Detection (Python,Machine Learning,Open CV) (07/2020 - 09/2020)

- During this pandemic of Covid-19, wearing mask in public area is very important for safety measures. So, I decided to build a face mask detector. Using this software the law enforcement officer can detect people are wearing the mask or not using CCTV camera surveillance.

- In this project I have used Opencv, Numpy, Sklearn, Keras, Matplotlib libraries to train the model and plot the graph to check the accuracy. I have used the images to bulid a CNN model using TensorFlow. Testing was done using PC Webcam.

Bike Rental Prediction (Data science)
 (12/2020 - 04/2021)

- We predict the count of bike rentals base on the seasonal and environmental settings. By predicting the count, it would be possible to help accommodate in managing the number of bikes required on daily basis, and being prepared for high demand of bikes during peak periods.

LANGUAGES

Language	Proficiency
English	●●●●○
Gujarati	●●●●●
Hindi	●●●●○

INTERESTS

`Python`   `Machine Learning`   `Data Science`

`JAVA`