GAUTAM VARMA DATLA

MS DS STUDENT NJIT | COMPUTER SCIENCE GRADER AT NEW JERSEY INSTITUTE OF TECHNOLOGY   📍 HARRISON, UNITED STATES OF AMERICA

▫ DETAILS ▫

Harrison
United States of America
gautamvarmadatla1999@gmail.com 🔒

▫ LINKS ▫

Linkedin

▫ LANGUAGES ▫

English

French

Hindi

Kannada

Tamil

Telugu

▫ SKILLS ▫

PHP

SQL

Python

R

HTML/CSS

MATLAB

Microsoft Office Suite

VHDL/Verilog/Arduino/STM 32 IDE

Vivado Xilinx , Sentaurus TCAD , COOJA Network Simlulator

Data Modelling - Machine Learning , Deep Learning

Data Wrangling , Data analysis , Data visualization

SAS , PowerBI

Data Structures and algoritms

👤 PROFILE

Pursuing my master's in data science at New Jersey Institute of technology (NJIT)

EMPLOYMENT HISTORY

Computer Science Grader at New Jersey Institute of Technology, New Jersey, United States
February 2022 — Present

🎓 EDUCATION

Under Graduate Electronics and Communications Engineering, Shiv Nadar University
January 2017 — December 2021

CGPA - 7.16/10

Master's degree Data science, New Jersey Institute of Technology
January 2022 — Present

GPA 3.83/4

Middle School Diploma, Kennedy High The Global School
Present

CGPA - 10/10

High School Diploma MPC, Sri Chaitanya College of Education
Present

96.6%

⭐ PROJECTS

Design and the implementation of database application using commerical DBMS
January 2022 — January 2022

Middleware - PHPFront End - HTML , CSSBackend - MySQL

Employee attrition prediction (ML)
January 2022 — January 2022

Object detection using tensorflow (Deep learning)
August 2021 — October 2021

Using the tensorflow objection detection API (tfod API) by Google to create a object detection model from images , videos and live streams

Health and Economic Effects of Severe Weather Events (EDA , filtering data and plotting using R)
May 2021 — July 2021

Project done for "Reproducible Research course " by John Hopkins University .

Heart Failure prediction (ML)

January 2021 — April 2021

This project involved the design of a ml prediction model (using python) for heart Failure using various patient demographics.

Modelling of LIF(Leaky-integrate-fire) neuron for Artificial neural networks (ANN)

January 2021 — April 2021

This project involves the use of Sentaurus TCAD for the modelling and design of DGFET (Double gate junction less field effect transistor) and Memristor (Memory resistor) as LIF neuron

Telco churn prediction model (ML)

January 2021 — April 2021

Using R Programming and customer churn prediction dataset published by IBM , this project involves the building of a robust and accurate machine learning model for Telco churn prediction.

Computing performance metrics of IOT (IoT)

July 2020 — December 2020

Analyzing the working of IoT based compression and routing protocols using COOJA network simulator

Design of an automated dustbin (Design Project)

January 2019 — April 2019

Using Arduino and HC- ultrasonic sensors for the design of an automated dustbin

★ CERTIFICATIONS

Applied Data Science with Python Specialization

July 2021 — Present

University of Michigan

Data Science: Foundations using R Specialization

July 2021 — Present

John Hopkins University

Introduction to Artificial Intelligence (AI)

July 2021 — Present

IBM

Using Python to Access Web Data

July 2021 — Present

University of Michigan

Machine Learning

June 2021 — Present

Stanford Online