HARSHIT NEGI

B.Tech,Electrical Engineering

Indian Institute of Technology Tirupati, India

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Education Details

Program	Institute	Year	%/CGPA
Secondary Education (X)	D.A.V Solan, Himachal Pradesh ICSE Board	2017	83%
Senior Secondary Education (XII)	D.A.V Solan , Himachal Pradesh ICSE Board	2019	87%
B-Tech	Indian Institute of Technology, Tirupati	2023	7.98

Areas of Interest

- Data Analysis, Data Manipulation, Data-driven Decision, Data Visualization, Automation

Technical Proficiency

Softwares/Tools	:	SQL, PostgreSQL, Power-BI and Tableau, R and R-studio, MATLAB, Python
Operating Systems	:	Windows
Programming Languages	:	SQL, R, Python, MATLAB
Non-Technical Skills	:	Presentation Skills, Collaboration, Problem Solving, Adaptability

Experience

- **Internship at Prima Innotech LCC in California(U.S),specializing in the field of Autonomous Vehicles (Organisation: Prima-Innotech LCC California(U.S))**

  (**Guide :**Ajit Paranjpe [C.E.O at Vecco Instrument California(U.S)])   **[May-Present]**

  - Designed the control frame work for Level-3 autonomous vehicle. Worked on the various functionalities that needs to develop the automated Driving vehicle in the Driving Scenario. There were many task and considerations involved in building the Autonomous model.

- **Industrial Training at NJHPS (India's Largest Under ground Hydro Power Station (1500MW) maintained and operated by SJVN (PSU). (Organisation: SJVN(P.S.U))**

  (**Guide :**Engineer Executives of NJHPS)   **[2 months]**

  - Summer training with real-time experience in a Hydro power plant, specializing in Generator, Transformer, and MIV Floor operations. Proficient in data analysis for equipment performance optimization.

Projects

- Automated Traffic Scenarios

  (**Guide : Dr Ajit Pranjpee**)   **[15 May,2023 - Present]**

  - **Abstract :** Developed an Automated Algorithm for Ego Vehicle to make and responsive Maneuvour according to Traffic using MATLAB.

- King County-House-Sales Interactive Dashboard

  (**Guide : Self**)   **[17 Sep, 2023 - 20 Sep, 2023]**

  - **Abstract :** Created an Interactive Dashboard which shows up the trend in the House sale prices with respect to different filters.

- Digital Music Store Analysis

  (**Guide : Kaggle**)   **[01 Sep, 2023 - 04 Sep, 2023]**

  - **Abstract :** To analyze the music playlist database and examine the data set with SQL for helping store understand its business growth by answering questions

- Diwali-Sales-Analysis using Exploratory Data Analysis

  (**Guide : Self**)   **[08 Aug, 2023 - 20 Aug, 2023]**

  - **Abstract :** Complete Exploratory Data Analysis of Diwali sales and getting insights to give the correct information about data and the forcasting of Diwali Sales.

- Automated Attendance System

  (**Guide : Dr. Rama Krishna Gorthi**)   **[27 Aug, 2023 - Present]**

- **Abstract :** The project is an automated attendance system which recognizes the student's face and marks the attendance. We are using a non conventional set of features and a lightweight Neural Network architecture that could do this process real-time.

Relevant Courses

- Matlab Fundamentals
- Machine - Learning Image Processing *
- Data Analytics
- Python for Data Science & A.I - IBM
- Google Data Analytics - Professional Certificate

Achievements

- City rank -2 in Science Olympiad Foundation(2017-2018) organized by IIT BOMBAY(Tech-Fest)
- District rank-4 in Maths Olympiad.
- Badminton Open State Runner-up Under-17 Boys. Attended National Camps Himachal Pradesh.
- Winner of Inter School Business Quiz organized by Shoolini University, Himachal Pradesh.
- Winner of Overall Intra-IIT Sports Championship(2022)

Positions of Responsibility

Sports Affairs Secretary [May '13 2022 - May 2023]

Sports Contigent Leader of IIT Tirupati 55th Inter IIT Sports Meet held at IIT Delhi [Dec '22]

Head of Hospitality and Security Logistic Commitee in Tirutsava 2023 [May'23]

Extra Curricular activities

- SPORTS
- Singing
- Travelling and Trekkings

Hobbies or Interests

- Sports
- Pattern Solving
- Data Driven Decisions