Lahari Talla

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EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY MANDI

B.Tech in Electrical Engineering with Minor in Management
2019-present | Mandi, Himachal Pradesh, India | CGPA:7.46/10

LINKS

Github: **LaharI001**
LinkedIn: **lahari-talla-073299217**

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms
Information and Database Systems
Computer Organisation
Machine Learning
Data Science
Mathematics for Computer Science
Probability and Statistics
Signals and Systems

SKILLS

COMPUTER LANGUAGES

C • C++ • Python • MATLAB

WEB DEVELOPMENT

HTML • CSS • Javascript • Django

FAMILIAR TECHNOLOGIES

MYSQL • MongoDB • PostgresSQL

TOOLS

Git • Sublime Text • Microsoft Visual Studio Code

ACHIEVEMENTS

• **3rd Position in Line Follower**- Robotronics Event based on IRsensor, motor Driver and Arduino.

• **Special Mention in hack 36** - Hackathon organised by Programming Club.

• Secured **94.1 marks in CBSE 12th** and **CGPA of 10/10 in 10th**

INTERESTS

Machine Learning • Database Management • Algorithms • Competitive Programming • Sports • Arts

PROJECTS

CHROME EXTENTION FOR NOTIFYING COMPETITIVE PROGRAMMING CONTESTS | Github Link

May 2021 | Web Development

• To display upcoming competitive programming contests, and provide a link button for each to redirect to contest registration.

• The extension reduces manual searching to a great extent.

• **Tools Used: Javascript | HTML | CSS** .

WE CARE | Github Link

March 2021 | Web Development

• Mini Hackathon Project organised by Programming Club.

•A web app in which a doctor can register his/her info. Whenever a patient enters its location, then the list of nearby available doctors will be shown in the app.

• **Tools Used: DJango | PostgreSQL | HTML | CSS** .

COMPARATIVE IMAGE CLASSIFICATION USING FCNN AND AUTOENCODERS | Github Link

Feb 2022 - June 2022 | Deep Learning

• A comparative analysis on image data set of two main deep learning algorithms.

• MINST image dataset was used for training and testing of Feed Forward Neural Networks and Autoencoders

DATA MINING AND REGRESSION |Github Link

Aug 2019 - Nov 2019 | Data Science

• A mini project for **predictive** and **descriptive** analysis on a given large data-set of several patients using KNN method and Bayes-Classification.

POSITION OF RESPONSIBILITY

CORE MEMBER OF ROBOTRONICS CLUB

• **Goals** Widening the horizon of the club to innovation and computer science related fields like Electronics, IoT, Robotics.

• **Responsibility** -Organised different sessions for juniors on Arduino UNO, motor driver, etc.

CORE MEMBER OF WEB DEVELOPMENT TEAM

• **Core member of Web Development team** in Expecto Tech-Fest. Part of the core team in building the fest website

• **Core member of Web Development team** in Exodia Techno-Cultural fest.
Contributed in making of official website for the fest.

MEMBER OF RANN-NEETI | INTER COLLEGE SPORTS FEST

•Member of **Planning and Management** team.
•Member of **Hospitality** team.