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Education Qualifications

B. Tech – Indian Institute of Technology, Mandi - Computer Science & Engineering CGPA: 7.36 | 2018-2022

12th grade – B.R. International School, Kaili, Meerut, Uttar Pradesh, 245206 86.8 % | 2017

10th grade – Bethesda Christian Academy, Hapur, Uttar Pradesh, 245101 CGPA: 9.5 | 2015

Academics

Projects

- **Exploring meta learning techniques for spoken language identification (LID) task (July 2021- Jun 2022)**
Tech Used: Python3
In a group of 3 members, implementing Adaptive margin loss for Prototypical network in spoken LID task when the system is built on low language resource language.
- **Pollution data index (July 2020 - Dec 2020)**
Tech used: Ajax, Php, Html, CSS, JavaScript
In a group of 5 members, built a tool to view pollution levels between a time frame, helpful in monitoring past pollution levels, allowing better future planning to reduce the same.
- **Geo Visualizer and Analysis Tool (July 2020 - Dec 2020)**
Tech used: Python
In a group of 5 members, built a GUI for processing data of multiple formats using various in-built libraries or custom libraries, concatenate the pre-processing output and pass to another GUI module for further statistical analyses and produce final results.
- **Mail sender (Feb 2019 - Jun 2019)**
Tech used: Ajax, Php, Html, CSS, JSON
In a group of 3 members, built an application to send email using data filled in a form by the user..
- **Drag & Drop Unity game (July 2021 - Dec 2021)**
Tech Used: Unity
In a group of 2 members, built a 2D game using Unity where maximum filling of items need to be done in a 2D container using unlimited supply of 2D items and all rigid motions in 2D.
- **Technical Practicum on Factors affecting COVID-19 (Feb 2020 - Jun 2020)**
Tech used: python, SPSS
In a group of 6 members, performed PCA, correlation analysis and T-test analysis on the principle components like risk perception, fear, mask, social distancing and treatment affecting COVID-19 and compared the results of India and the USA.

Subjects of Interest

- Data structure & algorithms
- Information & database systems
- Communicative and Distributed processes
- Paradigms of programming
- Data science
- Big Data
- Map Reduce

Technical Skills

- **Languages:** C, C++, Python, Scheme, Haskell, IA-32 Assembly language
- **Web Development:** JavaScript, Html, CSS, PHP, JSON
- **DBMS:** MySQL, MongoDB, AWS, Apache

Hobbies, Interests & Community Services

- Music, watching movies and cricket matches, playing badminton
- Volunteered for Social work in **National Service Scheme (NSS)** at IIT Mandi.
Participated in anti-smoking, primary-education, save girl child and blood donation campaigns.