

Sitanshu Hallad

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EDUCATION

KLE Technological University

Bachelor of Engineering (CSE) CGPA 8.55 (6th sem)

Hubli, Karnataka

Graduation Date: Jun 2024

EXPERIENCE

Deshpande Educational Trust Toastmasters Club

Hubli, Karnataka

President

Jan 2023 - Jun 2023

- Established partnerships with neighbouring Toastmasters clubs to organize joint events and increased exposure for the club within the community.
- Led the Executive Committee team of 6 and a club of 35 members.
- Led a team of 4 to develop a website for the club: dettoastmasters.org

AI and Data Analytics Lab KLE Tech

Hubli, Karnataka

Research Student

Jun 2022 - Jun 2023

- Demonstrated cooperation and collaboration in a team of 4 research students.
- Published a paper titled "A Survey on Filter Pruning Techniques for Optimization of Deep Neural Networks" in I-SMAC 2022.
- Developed a novel optimization technique for Filter Pruning of Deep Neural Networks.

Developers Student Club KLE Tech

Hubli, Karnataka

Club Lead

Aug 2022 - Jul 2023

- Led a team of 15 to conduct educational events for college students.
- Collaborated with local and college tech clubs for multi-college club events.

PROJECTS

React CLI

Hubli, Karnataka

Open Source

Dec 2022 - Present

- A command line interface built using javascript for react-based web projects.
- Terminal commands which can create and delete web pages, and various components used in react projects.

ELPDI

Hubli, Karnataka

KLE Technological University

Sep 2022 - Dec 2023

- Ensemble Learning for Pulmonary Disease Identification.
- A machine learning technique that uses ensemble learning with DNN models is trained on an audio dataset collected by auscultation of lung sounds converted to spectrograms to detect possible pulmonary diseases with 97.3% accuracy on respiratory sound dataset.

SparPen

Hubli, Karnataka

KLE Technological University

Jan 2023 - Jun 2023

- A novel optimization technique designed for filter pruning of Deep Neural Networks which helps better identification of redundant filters to eliminate.
- Improved memory reduction as compared to the current state of art method by 78% with only 2% drop in accuracy.

MockChain

Hubli, Karnataka

KLE Technological University

Jan 2022 - Apr 2022

- Implementation of Blockchain in C++ incorporating object-oriented programming principles
- Created blocks of NFTs using linked lists and ASCII art as NFT

SKILLS & INTERESTS

Skills: C++ (5 stars on Hackerrank), React, Problem Solving (4 stars on Hackerrank), DBMS, Leadership, Interpersonal communication

Interests: Public Speaking, Reading, Driving, Movies