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ACADEMIC DETAILS

Examination	Course	Institute	Year	GPA/%
Bachelor Of Technology	*Computer Science and Engineering*	IIIT Sri City	2019	7.14 (Sem-4)
HSC		Kendriya Vidyalaya Thane	2015	89.8
SSC		Kendriya Vidyalaya Thane	2013	10.0

FIELDS OF INTEREST

- Computer Vision

- Machine Learning

- Web and Mobile App Development

- Open Source

TECHNICAL SKILLS

Languages C, C++, Java, Python
Database MySQL, SQLite, PostgreSQL
Script HTML, BASH, JQuery, JavaScript, Typescript
Tools Eclipse, Git, Django, Web2Py, Tensorflow, Keras, Ionic, PyTorch
Hardware Arduino, Raspberry PI, PSOC.

CURRENT WORK

- **Honours in Computer Vision**
  (Guide: Prof. Shiv Ram Dubey, Aug'17 - Present)
    - Pursuing Computer Vision with Deep learning Concepts
    - Currently working on Efficient Face Detection and localization problem
    - fine-tuned models of Object Detection for Face Detection
    - Worked on Datasets: WIDERFace, CIFAR-100
    - Technology Stack: Python, Tensorflow, Google Model Zoo, Tensorbox, PyTorch

PROJECTS

- **Visual QA** (Code For Beer - 3rd Prize)
  (20 Jan'17)
    - Basic VQA inference model implementation in Hasura Hosting
    - Technology Stack: Keras, Tensorflow, Flask, Python, Hasura

- **Smart Attendance Management System** (5th Semester Project)
  (Guide: Dr. Subrahmanyam Chirravuri , Aug'17 - Present)
    - Developing mobile app and server for Student and Faculty Stakeholders following the Software Engineering Concepts and Life cycles
    - Technology Stack: Python, Django, Apache, Ionic.

- **Videos Dehazing** (5th Semester Project)
  (Guide: Prof. Snehasis Mukherjee, Aug'17 - Present)
    - Removing haze and fog from videos using the default fog model and maintaining the photo consistency between frames
    - Technology Stack: Python, OpenCV.

- **FarmerEverywhere** (5th Semester Project)
  (Guide: Prof. Nagesh Kolgani, Aug'17 - Present)
  - IT Systems Website for Farmers which has basic info on farming and crop predictions based on history of crops grown
  - Technology Stack: Django, PostgreSQL, Charts.js, OpenData.gov apis.

- **Electricity Management** (4th Semester Project)
  (Guide: Prof. Raja Vara Prasad, Jan'17 - Mar'17)
  - Electricity Management System with Real Time Graph using ADE 7753.
  - Technology Stack: Web2Py, SQLite, AmCharts, Arduino, ADE7753.

- **Breach Detection System** (Smart India Hackathon Final Selection)
  (Leader: Abhishek Singh, 1 Apr'17 - 2 Apr'17)
  - Detection of Breach in network using packet heuristics, network traffic monitoring, IP blacklisting, Machine Learning and basic Web GUI for data representation.
  - Technology Stack: Django, Python, Scikit-learn, AmCharts, PostgreSQL.

- **Energy Management** (3rd Semester Project)
  (Guide: Prof. Nagesh Kolgani, Aug'16 - Dec'16)
  - Energy Management System to monitor current usage using real-time graphs, email-limit warning and location-based services.
  - Technology Stack: Web2Py, SQLite, AmCharts, Gmaps.js, Arduino.

- **Operating System Simulator** (3rd Semester Project)
  (Guide: Prof.Amitava Das, Aug'16 - Dec'16)
  - Operating System Simulator using Java, consisting basic Text-Editor, Terminal, File Manager implementing OS concepts
  - Technology Stack: Java, Window Builder

- **Rubix Cube Solver** (2nd Semester Project)
  (Guide: Prof.Vinay Kumar Mittal, Jan'16 - May'16)
  - Basic Rubix Cube Solver using Raspberry PI and python GUI
  - Technology Stack: Raspberry PI, Python

INTERESTS AND HOBBIES

- Currently Vice President Of Music Club

- Table Tennis

- Lots of Movie,TV shows

- Foodie