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YASH BANSOD

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github.com/yash-bansod

EDUCATION

Indian Institute of Technology Mandi   Himachal Pradesh, India   **Aug 2018 – Present**
- B.Tech in Computer Science Engineering   **CGPA: 7.00**
- **Relevant Coursework:** Data Structures and Algorithms, Computer Organisation, Communicating and Distributed Processes, Compiler Design, Data Science, Pattern Recognition, Applied Database Practicum, Information and Database Systems.

LANGUAGES AND TECHNOLOGIES

- **Programming Languages:** C, C++, Java, Python, JavaScript, x86 and 8080 Assembly Language, Bash Script, SQL, HTML5, CSS.
- **Dev-Ops Technologies:** Git, Node.js, Docker, MariaDB/MySQL, MongoDB.
- **OS and Softwares:** Linux, Windows, Android Studio, Vim, Arduino.
- **Other skills:** Server administration, Binary Exploitation and Debugging, Reverse Engineering, Network and Socket programming, Multithreading, Neural Networks and ML.

PROJECTS

- **Academic website-IIT Mandi:** Developed and designed the academic website for the institute, IIT Mandi, under guidance of faculty members and the academic secretary.
  Technologies Used: Javascript, JQuery, HTML, CSS, Bootstrap, PHP.
  Final Demo version : `http://iitmandi-academics.herokuapp.com/`
- **ArtNNet:** An implementation of multi-layer neural network for research on MNIST data.
  Technologies Used: Python
  Github repository : `https://github.com/yash-bansod/ArtNNet`

POSITIONS OF RESPONSIBILITY

- **Coordinator -** Space Technology and Astronomy Cell, IIT Mandi.   **June 2019 - September 2020**
- **Coordinator -** Server Administration and Infosec Club, IIT Mandi.   **September 2020 - Present**
- **Head of Finance and Sponsorship -** AstraX'20, IIT Mandi.

AWARDS, HONORS AND ACHIEVEMENTS

- Secured 3rd position in **Capture the Stone'19** CTF held at IIT Mandi.

EXTRA CURRICULAR

- Represented IIT Mandi in Payatu's Infosec, a Capture The Flag competition, in Inter IIT Tech-Meet 2019.
- Organized an inter college Astro-Hackathon for ASTRAX'19 consisting of challenges involving data analysis of astronomical data.
- Organized a Capture The Flag event for IIT Mandi consisting of challenges involving information security and hacking.