

AVTAR CHANDRA

Software Engineer

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📍 Hyderabad, India

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📄 leetcode.com/avi4each

WORK HISTORY

Truminds Software Systems

Software Engineer

📅 Oct,2022

📍 Hyderabad, India

- Worked on CC1310 TI LaunchPad with development team to transfer rf signal from one board(Rx) to other board(Tx). In This we used two tools (a)- CCS for IDE (b)- SmartRF to generate log.
- Building Linux Image for Raspberry Pi using Yocto. In this project my job role was to build custom linux image for board using Yocto, and performing flashing to boot Raspberry Pi.🔗

EDUCATION

Master of Technology(CSE)

University of Allahabad (UoA)

📅 09/2020 - 08/2022

📍 Allahabad, India

- CGPA - 7.89

B.Tech. (Computer Science and Engineering)

AKTU, Lucknow

📅 08/2015 - 07/2019

📍 Allahabad, India

PROJECTS

Sign Language to Text for Deaf and Mute 🔗

- To recognize American Sign Language based hand gestures in order to generate complete words and sentences by combining gestures in real time where self created Dataset was used. Used CNN to train Model and achieved an accuracy of 95.8%.
- Implemented knowledge: Naive Bayes classifier , Gaussian blur filter, CNN, KNN.
- Technologies used: Python, Numpy, Pandas, Matplotlib, Scikit-learn, Tensorflow, Keras, Open CV.

Image Transformation

- Image Transformation project using VC++ changing brightness, contrast and saturation in order to achieve enhanced picture quality from given raw image.
- Language: C++ (using STL).

College Management System 🔗

- Using Visual Studio 2015. We made this project in basic modules as: Attendance, Library, Marks.
- Language: ASP.NET, MySQL.

CERTIFICATIONS

- Object Oriented Data Structures in C++. - Coursera
- Linux Essentials Training. - Cisco Networking Academy

KEY STRENGTHS

- Leadership
- Good verbal and documentation skill
- Problem Solving
- Good analytical and collaboration skill

SKILLS

- C++
- C
- Data Structures
- Algorithms
- Linux
- Python
- GIT
- Mysql
- Github
- Panda
- Numpy
- Keras
- OpenCV

Relevant Subjects:

- Data Structures and Algorithms (DSA).
- Database Management System (DBMS).
- Operating Systems (OS).
- Computer Networks (CN).
- Object Oriented Programming (OOPs).
- Artificial Intelligence (AI).
- Machine Learning (ML).

EXTRA CURRICULAR

- Attended workshop on Python. -Softpro India
- Represented College in National Seminar on Wireless Communication Systems. -NIT,Allahabad
- Discharged duties of an Anchor in various college events including the annual technocultural fest "Eureka ". -SIET, Prayagraj

PUBLICATIONS

- Finger spelling based gesture conversion to text using Deep Convolution Neural Network. (Ongoing)

ACHIEVEMENTS

- 🏆 In 2018, secured 3rd position in C-programming quiz organized by "Computer Society of India".
- 💰 Received IOCL scholarship, issued by Indian Oil Corporation Limited, India.
- 💰 Received Prime Ministers Scholarship, issued by Government of India.
- 🏆 Secured 1st position at CS quiz in 2017 (B.Tech).

TRAINING

Emerging Trends in Computer Science

- Networking and Cloud Computing at National Institute of Technology, Allahabad. (NIT, Alld.)

INTERESTS

Coding Computer Games Basketball
Travelling and Trekking Volunteering