# AVTAR CHANDRA

## University of Allahabad (UoA), Allahabad

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## EDUCATION

### Master of Technology(CSE)
**University of Allahabad (UoA)**

📅 09/2020 - 08/2022  📍 Allahabad, India

- CGPA - 9.08 (current)

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### B.Tech (Computer Science and Engineering)
**UPTU, Lucknow**

📅 08/2015 - 07/2019  📍 Allahabad, India

## PROJECTS

### Sign Language to Text for Deaf and Mute ○    July,2022

- 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,ADAM optimizer.
- Technologies used: Python, Numpy, Pandas, Matplotlib, Scikit-learn, Tensorflow, Keras, OpenCV

### Image Transformation    Feb, 2021-April, 2021

- 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 ○    April, 2019-July, 2019

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

## PUBLICATIONS

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

## CERTIFICATIONS

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

## KEY STRENGTHS

- Leadership
- Good Communication
- Analytical Skill
- Problem Solving

## SKILLS

- C++
- C
- Data Structures
- Algorithms
- Linux
- Python
- ASP.NET
- 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).
- Artifical Intelligence (AI).
- Machine Learning (ML).

## EXTRA CURRICULAR

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

## ACHIEVEMENTS

🏆 In 2018, secured 3rd position in C-programming quiz organized by "Computer Socie ty of India".

🏆 Secured 1st position at CS quiz in 2017 (B.tech )

$ Received IOCL scholarship, issued by Indian Oil Corporation Limited, India .

$ Received Prime Minister s Scholarship, issued by Government of India

## 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