Tarpit Sahu

First Year M.Tech Student
Computer Science & Engineering
International Institute of Information Technology,
Hyderabad

+91-9410892916
tarpit.sahu@students.iiit.ac.in

Academic Details

Year	Degree	Institute	Percentage/CGPA
2014 - 2018	B.Tech in Computer Science and Engineering	College Of Engineering Roorkee, Roorkee	77.76%
2014	Class XII CBSE – AISSCE	D.A.V. Centenary Public School, Haridwar	92.6% 98% in Computer Science
2012	Class X CBSE - AISSE	D.A.V. Centenary Public School, Haridwar	10 CGPA

Projects

- **Filehunt : File Explorer for Linux**

Language : C++
Developed a Terminal based FileExplorer and implemented basic functionalities like cp, mkdir, mv, search.

- **Indian Artform Recognition using Convolutional Neural Networks** Pushkar Shukla,UCSB,USA
  Dr. Ankush Mittal, GEU, India

This project involved the development of a framework to classify traditional Indian Paintings into their respective category using the features extracted with the help of Deep Convolutional Neural Networks viz. AlexNET and VGGNET. The project was implemented in MATLAB.

- **Classification and Aesthetic Evaluation of Paintings and Artworks** Dr. Ankush Mittal, GEU, India

The objective of this project was to classify and predict Aesthetic Score of a painting on the basis of Image features and user ratings. Aesthetic Value is a score that determines how good or bad a paintings is. The project was implemented in MATLAB.

Scholastic Achievements

GATE 2018 (Computer Science and Information Technology) : secured All India 428th rank (Percentile : 99.60%) among 107893 candidates .

Computer Skills

Programming Languages: C, C++, Python
Operating Systems: Windows, Linux (Ubuntu)

Publications

- **"Classification and Aesthetic Evaluation of Paintings and Artworks"**
  Tarpit Sahu, Arjun Tyagi, Sonu Kumar, Ankush Mittal
  The 13th International Conference On Signal Image Technology & Internet Based Systems
  (SITIS-2017, 4 December 2017, Jaipur, India)

- **"Indian Art Form Recognition Using Convolutional Neural Networks"**   *(under publication)*
  Sonu Kumar, Arjun Tyagi, Tarpit Sahu, Pushkar Shukla, Ankush Mittal
  The 5th International Conference on Signal Processing and Integrated Networks
  (SPIN-2018, 23 February 2018, Noida, India)

Extra Curricular Activities

- Featured in Top 25 teams of Megathon Online Round : A Hackathon at IIITH (2018).
- Winner – CODEX 2017 Dynamic Website Development Competition. Successfully implemented basic features of a CodeJudge like HackerEarth.
- Runner Up -- GIGABIT 2017 Annual Coding Competition
- Winner – GIGABIT 2016 Annual Coding Competition
- Best Module Implementer : PHP Workshop conducted at COER. Successfully designed a Complaint Portal for college students.

Position Of Responsibility

- Student Member at Computer Society Of India, Haridwar Chapter (Membership Id : 01307142, Nov 2014 – June 2015)

References

- Dr. Ankush Mittal, Director (Research) – Graphic Era University, Dehradun, India
  Email : dr.ankush.mittal@gmail.com