

# Tarpit Sahu

First Year M.Tech Student  
Computer Science & Engineering  
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## Academic Details

Year	Degree	Institute	Percentage/CGPA
2018 - present	M.Tech in Computer Science and Engineering	IIIT Hyderabad	9.3 CGPA
2014 - 2018	B.Tech in Computer Science and Engineering	College Of Engineering Roorkee, Roorkee	78.16%
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

- **AI on the EDGE** (Python, BASH, Docker)  
a *distributed platform* for Image Classification with the help of ML Methods using TensorFlow.
- **Filehunt : File Explorer for Linux** (C++)  
a terminal based FileExplorer with basic functionalities including cp, mkdir, mv, search, rename, delete, recursive snapshot of directory. It supports two modes : GUI mode and Command mode
- **Annapurna : Mess Portal** (Python, Flask, Javascript, HTML, CSS, SQLite)  
a Web-Application to manage Student Registrations at various Mess facilities present at IIIT H campus.
- **Estimating Employee Retention using Decision Tree Classifier** (Python)  
a Decision Tree approach implemented from scratch to estimate Employee Retention on a dataset.
- **GDriveFS : Mounting Google Drive as a Filesystem using FUSE.** ( Python)  
a user-space Python application that links against fusepy and maps the appropriate kernel calls to HTTP requests to Google Drive API.

## Internship

- **Project : RateMyPainting** (June 17-July 17; Matlab)  
Instructor : Dr. Ankush Mittal (IIT Roorkee)  
  
a machine learning framework 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.

## Scholastic Achievements

- **GATE 2018 (CS)** : secured All India **428<sup>th</sup>** rank among 107893 candidates. (Percentile : **99.60%**)

## Skills

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