# ANKIT GUPTA

✉ ankit.gupta@students.iiit.ac.in

in linkedin.com/in/AnkitGupta1993 ☎8937013480

## EDUCATION

| | |
|---|---|
| M.Tech in Computer Science Engineering, **IIIT Hyderabad**, CGPA: 7.67 | Degree in progress |
| B.Tech in Information Technology, **College of Technology Pantnagar**, CGPA: 6.706 | 2011-2015 |
| Senior Secondary Education , **Adarsh Bal Niketan, Roorkee** 78% | 2009-2010 |
| Secondary Education, **Adarsh Bal Niketan, Roorkee** 88.4% | 2007-2008 |

## WORK EXPERIENCE

**Nucleus Software Exports Ltd, Noida**                                     Aug 2015 - May 2018

· Worked as Software Engineer.
· Our clients includes some of the banking sector giants like SBI, General Motors Finance, ICICI Bank and many more.
· Responsibilities includes product development and providing support to customer.

## PROJECTS

**Single Image Haze Removal Using Dark Channel Prior**

· I tried to remove Haze from a single source image using a very simple prior-'dark channel prior'.
· Libraries used : OpenCV, numpy.
· Language : Python3.

**A Better Malloc**

· Developed a dynamic memory allocation library that keeps track of all allocated blocks and allows user to partially free allocated blocks.

**Peer to Peer file sharing System**

· In this project, I tried to make a Peer to Peer(P2P) File Sharing system in which a central tracker is used to maintain and coordinate communications between several clients. Clients can upload and download the files in chunks or pieces (piecewise selection algorithm). Trackers and Clients are fully multi-threaded and support concurrent operations.

**Search engine based on Wikipedia dump**

· Implemented a Search engine based on Wikipedia dump to filter most relevant article titles, ranked by Tf-Idf based on field independent and filed specific queries.

**General Motors Delinquent Contract Management System**

· Support includes changes in interface or functionality, database issues, application load time issues and also adding new functionalities in the product.
· Worked on code optimization to increase performance.

## SKILLS

**Development Languages:** C, C++, Python, HTML, CSS, JavaScript
**Technical Strengths:** Data Structure, Algorithms, Operating System

## ACHIEVEMENTS

· Secured **rank 2054 in Google kick start Round F, 2020** (Username : Shamroo)
· Codeforces 1308 rating (pupil) (handle : agupta10493)
· Secured AIR 738 with 99.26 percentile in GATE 2019(CSE).