

Ananya Arya

ananya.mca19@bmsce.ac.in
ananya.arya1111@outlook.com | +91-9953520316

EDUCATION

B.M.S. COLLEGE OF ENGINEERING

MASTER'S IN COMPUTER APPLICATIONS
Expected June 2022
CGPA: 8.39/10.0

UNIVERSITY OF DELHI

BSc(H) IN MATHEMATICS
(2019)
CGPA: 7.35 / 10.0

CITY MONTESSORI SCHOOL

INTERMEDIATE (2016)
89.3%

SAINT JOHN'S SCHOOL

HIGH SCHOOL (2016)
85%

LINKS

Github:// [aryastarkananyaa](#)
GeekforGeeks:// [ppastry](#)
Linkedin:// [ananya-arya](#)
Hackerrank:// [ananya0001](#)

SKILLS

PROGRAMMING

- C
- C++
- Python

FAMILIAR

- Html/ CSS
- MYSQL
- JAVA
- MongoDB

INTERESTS

Reading novels,Painting
Teaching

PROJECTS

A* PATH FINDING VISUALIZATION

Python

- Created A* Path finding Algorithm Visualization.
- The visualizer tool visualizes the A* star path finding algorithm as it runs.
- A* star path finding algorithm is an informed search algorithm it is much more efficient than standard algorithms like breadth first search or depth first search.

<https://github.com/aryastarkananyaa/A-Algorithm>

TO DO LIST WEBAPP

Flask, SQLAlchemy, Html and Bootstrap

- A web-app built using Flask which helps you in tracking the task you want to complete.
- User can add a task in the list and can delete when the task is completed.
- The application stores the data in a database built using SQLAlchemy .

<https://github.com/aryastarkananyaa/ToDo-App>

SELECTION SORT VISUALIZATION

Turbo C,C++

- Created Visualization of Selection Sort algorithm using graphics in C++.
- It visualizes how the algorithm works,step by step based on the data given by user.

<https://github.com/aryastarkananyaa/Selection-sort-visualization>

COURSEWORK

- Operating Systems
- Data Structures
- Design and analysis of algorithms
- Database Management System
- Discrete Mathematics

ACHIEVEMENTS

- College Mathematics Department President (2017-2018)
- 5 Star rating in problem solving on Hackerrank
- 100+ problems solved on geeksforgeeks
- karnataka PGCET Rank-05