AVANTIKA MUDUMBAI

Sophomore at IIIT Bangalore

EDUCATION

Integrated Masters of Technology, CSE
International Intitute of Iinformation Technology Bangalore, Karnataka

📅 2019 – Present

CGPA: 3.45/4

Senior Secondary Education
**Fiitjee Junior College
Hyderabad, Tenlangana**

📅 2017 – 2019

Percentage: 92%

Highschool
**Chirec International
Hyderabad, Telangana**

📅 2015 – 2017

CGPA: 10/10

FIND ME ON

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- Avantika Mudumbai
- @__avantikaa
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- +91 8179640318

ORGANISATIONS

Core Outreach Team
2019 – 2020
Infin8, the cultural fest of IIITB
Managed to get representation from over 70 colleges and 20 companies all over India.

Chhayachitra
2019 – 2020
Core member: Worked to cover various events held in college, including the Ramanujan Math and IT (RMIT) conference.

EXPERIENCE

Co - founder & Host
#include <people.h>

📅 July 2020 – Present

This is a podcast that mainly focuses on how different people perceive life. We try to bring values, opinions and experiences from different people in an attempt to learn something new.
We have over 2500 plays within the release of 8 episodes
We are available on: Google Podcasts, Apple Podcasts, Spotify and various other podcast services

VOLUNTEERING EXPERIENCE

- **Ramanujan Math and IT conference (2019)**
- **Yamini - Spic Macay Chapter of IIITB (2019)**
- **Inclusive STEM Confluence at IIITB (2020)**

SKILLS

Python · Java · C++ · C · Verilog · LaTeX
Linux · Git · Algorithms · Data Structures

PROJECTS

Hospital Records Management System | C
The project lets you add, delete, update a patient's diagnosis. You can also search for patients on the basis of various parameters like diagnosis, blood group, etc.

Multiple Client Quiz | Python
Used the python socket module to implement basic client-server interaction in the form of a simple quiz. This quiz requires one server and three players. This game also has the implementation of the buzzer feature.

IAS Architecture | Python
This is a basic implementation of the IAS machine. It uses a file as its memory. There is a separate file to show the change in the memory after the program is executed.

Routing System | Java
The project lets you add hubs, trucks and highways to a network. There is a basic UI implementaion to show the movement of a truck from its source location to the destination location via the network.

Game of Life | Python
The project is based on John Conway's Game of Life. This implements the rules on a simple, fixed-sized grid with a shape chosen by the user(from a given set of shapes).

dl file reader | C++
The aim of the program is to read a dl file of the format "edgelist1" and sort the edges. The sorting of edges is done with respect to the degree of nodes.

ACHIEVEMENTS AND CERTIFICATES

Women Techmakers Engineering Fellows Scholar
2020 – Present
5th position in ZenseCTF
2020
Python Data Structures
Coursera: University of Michigan
Introduction to Physical Chemistry
Coursera: University of Manchester
Joint Entrance Examination: Paper I, 2019
AIR: 8718