

AVANTIKA MUDUMBAI

Student at IIIT Bangalore



EDUCATION

Integrated Masters of Technology, CSE
International Institute of Information Technology
Bangalore, Karnataka

📅 2019 – Present

CGPA: 3.45/4

Senior Secondary Education

Fiitjee Junior College
Hyderabad, Telangana

📅 2017 – 2019

Percentage: 92%

ABOUT ME

I am a third year student in International Institute of Information Technology, Bangalore. I am pursuing an integrated MTech degree in Computer Science Engineering.

FIND ME ON

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🐦 avantikaaa

in Avantika Mudumbai

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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

NodeJS

Verilog

LaTeX

Linux

Git

Algorithms

Data Structures

Discrete Mathematics

PROJECTS

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 implementation 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

REFERENCES

Rachna S Kedigehalli: rachna.kedigehalli@iiitb.ac.in

Neelabh P Bhaskar: neelabh.bhaskar@iiitb.ac.in