

# Aparajith Raghuvir

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## EDUCATION

### IIITDM KANCHEEPURAM

#### BTECH IN CSE

May 2022 | Chennai, India

Cum. GPA: 9.09 / 10.00

Major GPA: 9.47 / 10.00

### PSBB SS SCHOOL, CHENNAI

Grad. May 2018 | Chennai, India

Cum. Average: 94.6

Major Average: 95.75

## LINKS

Github:// [aparajith21](#)

LinkedIn:// [aparajith21](#)

Twitter:// [@aparajith21](#)

## COURSEWORK

### UNDERGRADUATE

Discrete Mathematics

Compiler Design

Linear Algebra

Probability Theory

Computer Organization + Practicum

Digital Image Processing

Advanced Data Structures and Algorithms

Analytics of Systems of Big Data

Computer Architecture + Practicum

Database Systems + Practicum

VLSI System Design + Practicum

Computer Graphics + Practicum

Computer Networks + Practicum

Operating Systems + Practicum

### ONLINE

Introduction to AI - Harvard's CS50

Data Science by Johns Hopkins on

Coursera

Introduction to Machine Learning - NPTEL

## SKILLS

### PROGRAMMING

Over 5000 lines:

C • C++ • Python • R

Over 1000 lines:

MySQL • Verilog HDL • Assembly

Familiar:

Java • HTML • CSS • MatLab • LaTeX

## PROJECTS

### TIMETABLE MANAGEMENT SYSTEM

- Created a web app that made a "live" timetable
- Unique to each person, updated by professor changing on his site
- Helped eliminate miscommunication due to frequent timetable changes

### LETTER RAIN

- Created a original word forming game
- Tailored for vocabulary building and language learning

### TICKETLESS TRAVEL IN THE RAILWAYS

- Attempted to analyse the current railway system in India, with special reference to suburban rail
- Provided a possible solution to curbing the menace of ticketless travel

### HYBRID ENERGY SYSTEM

- Worked on a project under Prof. Arun Tangirala of the Chemical Engineering Department to create a hybrid energy system for a rural application as part of Research Science Initiative 2017.

## HOBBIES

### CHESS

Avid participant and follower of the game of chess. Find me spending my free time playing chess online!

### KEYBOARD

Classical music enthusiast. I play or listen to classical music traditionally played on a piano on a keyboard when I'm relaxing and not playing chess.

## AWARDS

2017 top 35/1000 Research Science Initiative, IIT Madras

2017 Best Speaker Various Model UN competitions, Chennai

## LANGUAGE SKILLS

### PROFICIENT

- English - 108/120 TOEFL
- Tamil (native)

### CAN SPEAK

- Hindi