

# Vaishnavi Kancharla

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## EDUCATION

### IIIT HYDERABAD

DUAL-DEGREE IN BUILDING SCIENCE  
AND ENGINEERING  
2021 | Hyderabad, India

### NARAYANA INTER COLLEGE

| CGPA 9.23  
2015 | Hyderabad, India

### NARAYANA CO OLYMPIAD

CGPA 9.0  
2013 | Hyderabad, India

## COURSEWORK

### UNDERGRADUATE AND MASTERS

Computer Programming  
IT Workshop I  
Data Structures  
IT Workshop II  
Algorithms  
Introduction to Databases  
Statistical Methods in AI  
SSAD and Project  
Database Systems  
Research Methodology  
Intro to Cognitive science  
Mathematical Methods  
Mathematics 1  
Mathematics 2  
Science 1

## SKILLS

### PROGRAMMING

Javascript • Python  
Rails •  $\LaTeX$   
C • C++ • CSS • PHP

### FAMILIAR

Android • MySQL

### RESEARCH

Virtual Reality  
Spatial Cognition  
Building Science  
Human Computer Interaction

## INTERESTS

Graphic Design course certification from  
California Institute of the Arts  
UI/UX  
Psychology and decision making  
Digital Illustration and Design  
Event Planning  
Formula 1

## EXPERIENCE

### INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY |

TEACHING ASSISTANT, DESIGN THINKING-IDEA TO EVALUATE  
March 2022 - Present | Gachibowli, Hyderabad

### INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY |

TEACHING ASSISTANT, DESIGN THINKING-RESEARCH TO DEFINE  
Jan 2022 - March 2022 | Gachibowli, Hyderabad

### WHITEHAT JR | CODING TEACHER

Sept 2020 - March 2020 | Online

- Cultivated problem solving approach in 20 + students by demonstration and teaching programming in a one-on-one fashion.
- Designed coursework based on coding assignments like ping pong, subway surfer, angry birds to teach javascript programming in an intuitive and progressive manner.
- Awarded one of the best teachers of the batch by the students.

### NUMERIC TECHNOLOGIES | SOFTWARE ENGINEERING INTERN

Sept 2020 - Dec 2020 | Online

- Built an ordering system for the client where customers can customize and other brands can request packing their products. [link](#)
- Built a portal for students where they can plan events and keep track of those events.

### FROOGAL | SOFTWARE ENGINEERING INTERN

May 2017 - July 2017 | Gachibowli, Hyderabad

- Designed and built the frontend of the froogal's web app.
- Remodeled supply chain by restructuring the backend architecture.

## RESEARCH

### COGNITIVE SCIENCE LAB | RESEARCHER

Jan 2019 - present | IIIT HYD, India

Working with **Priyanka Srivastava** with goal to design a better disaster management system in modern day buildings considering spatial cognition and stress into the account and testing the model in virtual reality.

## PROJECTS

### ANGRY BIRDS GAME | DESIGNED AND BUILT AN ANGRY BIRDS GAME FOR STUDENTS

## ACHIEVEMENTS

**NATIONAL SCIENCE OLYMPIAD** Awarded gold medal for securing school rank 1 and state rank 17.

**INTERNATIONAL MATHEMATICAL OLYMPIAD** Top 1 percentile for problem solving and mental thinking held by SOF

**ANDHRA PRADESH ASSOCIATION OF MATHEMATICAL  
TEACHERS** Secured 8th position throughout the state of Andhra Pradesh.

## COMMITTEES

**kalakshetra coordinator:** Was responsible for creative work handling 200+ students across various colleges.

**Artist at Art for Covid Relief:** Raised Rs.5L+ for COVID Relief NGOs.

**Member of Dance Committee:** Organized dance events on campus.