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 • 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
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.