

ANYA HOODA

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OBJECTIVE

As a B.Tech student in Computer Science and Social Sciences at IIIT-Delhi, I strive to bridge the gap between technology and societal impact. By leveraging my expertise in programming languages like Java, Python, and C++ alongside my understanding of social systems and human-centric research methods, I have developed projects ranging from responsive web applications to operating system modules. My goal is to contribute to innovative, interdisciplinary solutions that address complex technological and societal challenges, fostering meaningful progress in both domains.

EDUCATION

Indraprastha Institute of Information Technology, Delhi 2022–2026

B.Tech in Computer Science and Social Science

Delhi Public School Dwarka, Delhi-110078 2021–2022

CBSE (12th)

N.K Bagrodia Public School Dwarka, Delhi-110078 2019–2020

CBSE (10th)

SKILLS

Expertise Area	Algorithms and Data Structures, Operating Systems, Computer Organization, Database Management Systems, Human-Computer Interaction (HCI), Research Methods in Social Sciences and Design
Programming Languages	Java, Python, C, C++, R, MySQL
Tools and Technologies	Git, JavaFX, FXML, MATLAB, R, MySQL, Figma, React, Node.js, Express.js, Flask, Tailwind CSS, SceneBuilder (FXML), Jupyter Notebook, MongoDB
Technical Electives	Discrete Mathematics, Convex Optimization, Multivariable Calculus, Econometrics, Linear Algebra, Probability & Statistics

PROJECTS

My Portfolio Website Dec 2024 – Ongoing

Team Size: 1

Built a responsive portfolio website using HTML and CSS, emphasizing clean design. ([View Project](#))

StickHero Game Nov 2023 – Dec 2023

Guide: Koteswar Rao Jerripothula, Team Size: 2

Created "Stick Hero" using JavaFX, Java, and FXML, applying OOP concepts like inheritance and abstraction. ([View Project](#))

Memory Allocation and Management Module for OS Oct 2023 – Dec 2023

Guide: Dhruv Kumar, Team Size: 2

Developed a memory management system in C using `mmap`, dynamic allocation, and virtual addressing. ([View Project](#))

POSITIONS OF RESPONSIBILITY

- Operations Team Member of OWASP IIITD Student Chapter (Cybersecurity Club) (Sept 2024 – Ongoing)

- Operations Team Member of Audiobytes IIITD (Music Club) (Oct 2024 – Ongoing)
- Teaching Volunteer at Summer Camp IIITD 2024 (May 2024 – June 2024)
- Graphic Designer for Yoga IIITD (Aug 2024 – Dec 2024)

AWARDS AND ACHIEVEMENTS

- **Coursera - Amazon Enabling Abilities Skill Building Initiative** (Summer 2024)
[AWS Cloud Practitioner Essentials](#)
[Introduction to HTML5 \(University of Michigan\)](#)
[Trees and Graphs: Basics \(University of Colorado Boulder\)](#)
- **Summer Camp: Teach Like a Friend IIITD** (Summer 2024)
Volunteered to teach Computer Science and General Knowledge to classes 9-12, helping to cultivate interest in STEM fields.
- **Yoga Self Growth Course IIITD** (Summer 2024)
Participated as a [learner](#) and contributed as an event [poster designer](#)

INTERESTS AND HOBBIES

- **Reading:** Active member of [Fable](#), where I share book reviews, participate in an online book club, and engage with a vibrant reading community.
- **Swimming:** Avid swimmer focusing on endurance and technique improvement.
- **Yoga:** Regular practitioner, completed the Self Growth Yoga Course at IIITD.