

# CHAHAT AHUJA

Bf-13, Tagore Garden, New Delhi

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## Education

### Indraprastha Institute of Information Technology Delhi

*Bachelor of Science in CS and Applied Mathematics;*

**Nov. 2022 – Present**

*New Delhi, Delhi*

### Delhi Public School, Vasant Kunj

*High School Diploma; Gold Medal for Excellence for 7 consecutive academic years.*

**Sep. 2007 – July 2022**

*New Delhi, India*

## Relevant Coursework

- Data Structures
- Linear Algebra(A)
- Statistics(A)
- of Algorithms(A)
- Advanced Programming
- Probability
- Analysis and Design
- Discrete Structures
- Operating Systems

## Experience

### Complex Systems Laboratory, IIIT-D

**(Aug 23-Nov 23)**

*Web Developer under Dr. Ganesh Bagler*

*New Delhi, Delhi*

- Developed scalable web applications using HTML, CSS, JavaScript, and React.js to enhance user experience. Integrated daily recipe generation service with an external AP and optimized code

### MedTourEasy

**July 2023-Aug 2023**

*Data Analytics Trainee*

*New Delhi, Delhi*

- Research-Based Project: As a Data Analytics Intern at MedTourEasy, I conducted data analysis within the research-based project "Analyze Death Age Difference of Right Handers with Left Handers." using Bayesian Analysis and Data mining. Under the guidance of a project mentor, I employed tools like Tableau, NumPy, Pandas, and Matplotlib(PYTHON) to extract insights from intricate datasets..

## Projects

### Turing Test for Chef | *Flask, Docker-ignore, Python*

**January 2024**

- \* Develop a Flask-based web app for chef name turning tests. Requires Python, HTML/CSS skills, Docker familiarity for deployment

### River-Crossing | *Python, Pygame*

**November 2022**

- \* It is a 2-player arcade game where two players compete to cross a river full of obstacles and crocodiles to eat you on your way.

### Custom Simulator and Assembler | *Python*

**October 2022**

- \* Built an assembler that converted the assembly language of a given architecture into machine code. Built a simulator that took this machine code as input and updated information about the values of different registers and variables. Team of 3 students.

### SHELL in C | *C*

**October 2023**

- \* An imitation of a Linux Shell written in C as part of CSE231; Fully functional implementations written for input/output redirection, Signal Handling, Piping, and Multiple Processes Management; C

## Technical Skills

**Languages:** Python(2k LOC), Java(1k LOC), C++, C, R, HTML/CSS, JavaScript, SQL, React.js, MySQL

**Developer Tools:** VS Code, Tableau

**Technologies/Frameworks:** Linux, GitHub

## Awards and Honours

**Codeforces Rating : 1135**

**Codechef Rating: 1396**

### WISE-Program by Talentspirit

*Selected for scholarship program among 10,000 applicants after 3 rounds of screening.*

### YourStory Digital Hackathon Finalist:

*Shortlisted till the final round among 1500 entries for building startup growth tools. p*

### GHC 2024

*Received a scholarship from Anita.B.org among 10,000 applicants*

### AWS AI and ML scholarship

*Prequalified for the scholarship program among 5000 students.*

### JEE Mains(2022)

*Scored in the top 1.5(Percentile 98.5) AIR: 13339*