



# SWAYAM CHAURASIA

## PROJECTS

### Football Game (Scratch)

- Designed and programmed a basic football game using Scratch for visual coding.
- Focused on user interaction and game mechanics.

### Rock Paper Scissors (Python)

- Created an interactive rock-paper-scissors game with a simple AI opponent.
- Utilized randomization for opponent's move selection.

### Basketball Shootout Game (Scratch)

- Designed and programmed a basic basketball shootout game using Scratch.
- Created an interactive interface where players can aim and shoot the basketball.

### N-Queens Problem Solver (Python)

- Developed a Python program to find solutions for the N-Queens problem on an  $N \times N$  chessboard.
- Implemented a recursive backtracking algorithm to place N queens on the board without any two queens threatening each other.

## CONTACT



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## EXPERTISE

- Data Structure
- Creativity
- Logic

## LANGUAGE

- English
- Hindi
- Japanese (basic)

## EDUCATION

IPEM International School & College  
Class 12th

**AIR Summer Training at IIIT-Allahabad**

## SKILLS SUMMARY

Artificial  
Intelligence

Machine  
Learning

Deep Learning