

Indian Institute of Technology, Madras

NAME: Soumyo Halder

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EDUCATION AND SCHOLASTIC ACHIEVEMENTS

PROGRAM	INSTITUTION	%/CGPA	COMPLETION
B-Tech in Electrical Engineering	Indian Institute of Technology, Madras	7.24/10	2025
XII (ISCE)	National Gems Higher Secondary School	97%	2021
X (ICSE)	National Gems Higher Secondary School	98.4%	2019

Achievements

- Received award from Chief Minister of West-Bengal for being in top-3 rank in state in ICSE (X) 2019
- Received Dr B.R. Ambedkar Scholarship for one of the highest scorers in ISCE (XII) in country 2022

SKILLS

- Programming Languages: C++, C, Python, HTML, CSS, JavaScript
- Utilities: GitHub, Bootstrap
- Data Structures and Algorithms, Competitive Programming (300+ Problems solved across different platforms) 3star at [CodeChef](#) (max 1691) , 150+ DSA based problems at [LeetCode](#), Pupil (max 1260) at [Codeforces](#)

PROJECTS

Portfolio Website

- Used: **HTML, CSS, JavaScript** and **Bootstrap**
- Completely **responsive** and visually appealing user-friendly **frontend** interface
- Implemented **HTML5** elements to provide a modern and standardized structure
- CSS** styles, selectors and properties to enhance the visual appearance of the website.
 - Implemented **Media Queries** to make it responsive
- JavaScript** to add interactivity and dynamic features to the website
 - Interactive Navbar Menu, Typing Text animation, Isotope Filters, Cards Section**
- Bootstrap** classes for visual appeal and functionality of the website

Sudoku Solver

Links: [Webpage](#) [GitHub Repository](#)

- Used **Data Structures and Algorithms, HTML, CSS, JS**
- Responsive, user-friendly and Interactive**
- Major Concept Used **Backtracking** for solving the Sudoku Puzzle
- HTML** for the game page structure
- CSS** for the designing of the page
- JS** for the functionalities of various buttons: Get Puzzle, Solve Puzzle, Reset, taking user inputs
- Fetches Sudoku boards from an open source API ([GitHub Repository](#))

RELEVANT COURSES

- Introduction to Programming (EE1102)
- Probability, Statistics and Stochastic Process (MA2040)
- Applied Programming Lab (EE2703)
- DSA and Competitive Programming (CODING NINJAS)