

SURAJ SINGH

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EDUCATION

Lovely Professional University, Punjab

August 2018 - Present

Bachelors in Technology - Computer Science and Engineering

Current CGPA : 07.62 / 10.00

Courses - Data Structures, Analysis Of Algorithms, Object Oriented Programming, Databases etc.

Army Public School, Mamun Cantt

2016 - 2017

Higher Secondary

Percentage : 74.40

Army Public School, Sri Ganganagar

2014 - 2015

High School

CGPA : 08.20

TECHNICAL STRENGTHS

Problem Solving : Data Structures, Algorithms

Languages : C++, JavaScript

Tools : HTML, CSS, MySql

WORK EXPERIENCE

CLASSROOMSTUDY

Jan 2021 - May 2021

Teaching Assistant

- Took weekly classes and doubts on basic Data Structures and Algorithms.
- Gained experience assisting beginners with DSA and Competitive Programming.
- Developed presentation, communication and mentoring skills.

PROJECT

Smart Rockets

Genetic Algorithm, Web Development

- Implemented a web-based project using P5.js framework, HTML and CSS.
- It is a visualization of individuals learning to reach a target by avoiding walls and obstacles using genetic algorithm.
- Fitness of each individual = $1 / ((d + 1) * t)$.
- d is the distance between the target and the position where an individual died and t is the time for which that individual was alive(individual die if it hits a wall or obstacle or target).

ACHIEVEMENTS

- **42nd/4328** in CodeChef Aug LunchTime.
- **1st/6401** in CodeChef May Long Challenge.
- **5 Star** on CodeChef.
- **Specialist** on CodeForces.
- CodeVita Season 9 - Cleared Pre-Qualifier Zonal Round.

ONLINE PROFILES

CodeChef : [sinsinwar_code](https://www.codechef.com/users/sinsinwar_code)

LeetCode : [surajsinsinwar](https://leetcode.com/surajsinsinwar)

LinkedIn : [suraj-sinsinwar](https://www.linkedin.com/in/suraj-sinsinwar)

CodeForces : [suraj2792](https://www.codeforces.com/profile/suraj2792)

StopStlak : [suraj279](https://www.stopstlak.com/suraj279)

GitHub : [surajsinsinwar](https://github.com/surajsinsinwar)