

Gurtej singh

B.Tech. | IIIT Allahabad

Final Year, B.tech.(Information Technology).
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Education

2021-PRESENT
B.TECH.(I.T)
IIIT Allahabad
CGPA : 7.08/10 (Upto 6th sem)

MARCH,2017
INTERMEDIATE
Dasmesh public school, Damdama(Haryana)
Percentage: 80.8%

MARCH,2015
MATRICULATION
Holy Faith Convent school, Nanuana(Haryana)
Percentage: 90.8%

Links

Github:- [sidhu326](#)
Hackerearth :- [iit2018193](#)
Codechef :- [sidhu326](#)
LinkedIn :- [gurtej-singh-88b134201](#)

Skills

OPERATING SYSTEMS
Windows,Ubuntu

LANGUAGES
English, Hindi, Punjabi

GENERAL PROGRAMMING
C, C++,java

Academic Strengths

Data Structures
Database Management System
Object Oriented Programming
Design and Analysis of Algorithm

Achievements

SEPT,2019 CODECHEF

September Challenge 2019 Division 1

September Challenge

Global Rank :- 611
among 10940

MARCH,2021 HACKEREARTH

March Circuits

March Circuits '21

Global Rank :- 109
among 5660

Projects

2019 JULY-DEC

Dijkstra's path GUI

D.St,javaafx

A Desktop Software which helps user to create graph using mouse clicking and dragging. User can query the shortest path between two nodes. On loading query A object will graphically move along the shortest path.

2020 JULY-DEC

Auto tool to find Cross-site Scripting vulnerability in web applications

In this project user have to give a url to the system to check it is vulnerable or not. The existing http library in python3 used for request parser and we develop a context analyzer for raw http request string then convert it to HTML. HTML string is parsed and converted into an XML tree. Later we search the XML tree using regex to find context in which the string has been reflected. If string reflected vulnerable to xss otherwise not.

2021 JAN-JULY

Health and disease prediction based on symptoms

In this project A GUI developed for user where user have to select at least 2 symptoms and user can enter 5 symptoms at most to the system.

To predict disease based on given symptoms with higher accuracy (about 92-95%) We have used 3 different algorithms for this purpose and gained an accuracy of 92-95. %

1. Decision tree
2. Naive Bayes
3. K Nearest Neighbour(KNN)

results of these classification algorithms shown on GUI

Extra Curricular Activities

2019-2020 **Event Organizer in Asmita'19**

sports fest

In event, I secluded matches and make sure that event don't colab with other events and distribute prize to winner of the event. it was great experience.