

KARSH TANDON

email:tandonkarsh@gmail.com

contact no.: (+91) 9315577833

Education

International Institute of Information Technology, Hyderabad

B. Tech | Computer Science

2018-Present

CGPA – 8.78

Goodley Public School, Delhi

C.B.S.E | 12th GRADE

2017-2018

Percentage – 94.4

Goodley Public School, Delhi

C.B.S.E | 10th GRADE

2015-2016

CGPA-10

Projects

Shell For Linux

Built a shell for linux in C language with complete support for process management, piping and redirection, several built-in commands and execution of any system command. This project helps understanding of core concepts of processes, file descriptors, buffer overflow and injection attacks and several other concepts of operating system.

The Mandalorian

This is a terminal-based platformer game built in Python3 heavily influenced by the popular mobile game Jetpack Joyride. The game implements the basic features expected of any, such as asynchronous input and a simple physics engine, from scratch, without the use of any external library using object oriented programming principles.

Shopping app

An end to end shopping application built using MERN Stack - MongoDB, Express, React, NodeJS. Implemented features for vendor like add, delete, and dispatch products and customers can add order, edit their orders, Rate and Review vendors and products.

SKILLS

LANGUAGES- GNU/Linux, C, C++, Python

Web development - HTML, CSS, Javascript, JQuery, Bootstrap

COURSES- Data Structures, Algorithms, Machine and data learning, Linear algebra, Principles of Information Security, Algorithm Analysis and Design, Data and Applications, Operating Systems, Probability and Statistics, Design and Analysis of Software Systems

ACHIEVEMENTS

DEAN'S LIST: Selected in the Dean's Merit List for academic excellence for the year 2018-19.

COMPETITIVE PROGRAMMING:

GOOGLE KICKSTART-ranked 381th all over the world **CODEFORCES**-max rating **1837** **handle**-tandonkarsh

JEE MAINS: Ranked 479 in JEE Mains out of 1.2 million who participated

JEE ADVANCED: Ranked 1649 in JEE Advanced out of 150,000 who participated.

Position of Responsibility

- IIIT-H Programming Club Coordinator
- CodeCraft Coordinator. CodeCraft is an international programming competition organized by IIIT-H every year