

Aviansh Gupta

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<https://www.codechef.com/users/guptaaviansh> <https://leetcode.com/guptaaviansh/>
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Eduaction

SSN College of Engineering

BE IN COMPUTER SCIENCE AND ENGINEERING

GPA: 9.12

Chennai, India

2018 – Present

KC Public School

HIGH SCHOOL, CENTRAL BOARD OF SECONDARY EDUCATION

GPA: 10 in class 10; 89% in class 12

Jammu, J&K

April 2006 – March 2018

Skills

Data Structures and Algorithms: Highest rating 1791 on CodeChef, 50+ problems on Leetcode

Programming Languages: Python, Java, C, PL SQL, Unix Shell (basic)

Machine Learning: Octave, Python, Regression, SVM, K-Means, Basic Neural Networks

Web Development: HTML, CSS, JavaScript, ReactJs, NodeJs

Projects

Path Finding Agent

FINDING AND VISUALIZING THE PATH FROM SOURCE TO DESTINATION IN A CONTINUOUS STATE SPACE WITH CONVEX POLYGON OBSTACLES AND COMPARING THE PERFORMANCE OF DIFFERENT ALGORITHMS LIKE BFS, DFS, GREEDY BEST FIRST SEARCH, A* SEARCH

Python, Matplotlib, Xming

https://github.com/avianshgupta/Artificial-Intelligence/tree/master/Path_Finding_Agent

Food Delivery System

A GUI BASED FOOD DELIVERY SYSTEM WITH DATABASE USING PL SQL FUNCTIONS, PROCEDURES, TRIGGERS, SEQUENCES

Netbeans, Java, PL SQL

<https://github.com/avianshgupta/DBMS-Mini-Project-Food-Delivery-System->

E-Book Management

A WEB APPLICATION FOR PURCHASING E-BOOKS ONLINE WITH FEATURES LIKE A SEARCH CATALOGUE, REVIEW/RATINGS, CHECKING THE POPULARITY OF THE BOOK

ReactJs, NextJs, ExpressJs, NodeJs, MySQL

https://github.com/avianshgupta/e-book_Managemnt

Courses and Accomplishments

July 2020	Machine Learning by Stanford University , Successfully completed with a consolidated score of 100%	Coursera
November 2019	Design Analysis Of Algorithms , Successfully completed the course	NPTEL
	University Courses , Python Programming, C Programming, Mathematics - I and II, Discrete Mathematics, Probability and Statistics, Data Structures, Object Oriented Programming, Design and Analysis of Algorithms, Unix and Shell Programming, Digital Principles and System Design, Computer Architecture, Operating Systems, Database Management Systems	
August 2019	Lateral Thinking , Among the finalists in the three round competition	CSI, SSN student chapter
August 2019	Embedded Software Development ,	SSN College of Engineering Central
2018	PMSSS Scholarship , Received PMSSS scholarship for SSN college of Engineering	Government