

Deepak Barnwal

Third Year (B.Tech)
Information Technology,

Mob.: +91-8858944514
Email.:dbarnwal888@gmail.com

Links

CodeForces:// **Deepak_23** - Expert
CodeChef:// **aomine23** - 4* (1863)
HackerEarth:// **aomine23** - (1737)
HackerRank:// **_Aomine_** - (5400 pts)
GitHub:// **dbarnwal**
GeeksForGeeks:// **dbarnwal888**
LeetCode:// **_Aomine_**
LinkedIn:// **Deepak Barnwal**

Skills

Operating System

Windows

Languages

C++

Frameworks

Qt Creator

Databases

MySQL

Advance Data Structures

Fenwick Tree, Segment Tree
Sparse Tables, Trie, Graphs
Disjoint-Set-Union

Coursework

Data Structures & Algorithms
DBMS (**MySQL**)
Object Oriented Programming
Computer Graphics

Education

2019 - 2023

B.Tech Information Technology
Army Institute of Technology Pune
CGPA : 8.82/10 (apx.)

2017-2018

Intermediate
Kendriya Vidyalaya AMC LKO.
Percentage: 90%

Projects

- JAN. -2021** **Text Editor++** **QT Framework, C++, File-Handling**
A Text-Editor which auto-compress text files on saving, using **Huffman-Encoding , Bit-Packing** . Achieved an average compression of 50% and best case 80% of the original file.
- AUG.-2021** **ShatRanj- AI (Link)** **HTML , CSS , JavaScript**
A chess engine written in JavaScript. AI uses **Min-Max Algorithm** in Game Decision Tree with **Alpha-Beta pruning** for time optimization. Used **Piece-Square Tables** for the board evaluation at each step.

Achievements/Awards

- OCT.-2021** **TVS Credit E.P.I.C IT Challenge**
Among top 162 Teams out of 12k+ teams all over India.
- SEPT.-2021** **Crack The code with DP World**
2nd Runner Up all over India.
- SEPT.-2021** **Facebook - Hacker Cup**
Rank 1085 among 34k participants in Qualification Round.
- AUG.-2021** **ACM - ICPC Gwalior-Pune Regional Round**
Rank 147 out of 500+ teams all over India.
- JULY.-2021** **Flipkart GRiD 3.0 - Software Development Challenge**
Among top **92 finalists** teams all over India (28000+ teams).
- JULY.-2021** **CodeGoda - 2021 - Global Coding competition by Agoda**
Global Rank - 112.
- MAY.-2021** **HackerEarth May Circuits**
Rank 19 - out of 500+ Participants.
- NOV.-2020** **CodeChef's November Long Challenge**
Rank 207 out of 14000+ Participants Globally.
- AUG.-2020** **Code Ensemble - CodeChef IIIT-Nagpur**
Global Rank- 234 out of 4500+ participants.

Interest/Hobbies

- 2019-NOW** **Problem Solving and Setting**
Solved 1700+ Data Structure and Algorithmic Problems on various coding platforms such as Codeforces, Codechef, Hackerrank etc.
Problem setter in Codechef's January-Cookoff & August Cook-off 2021.
- 2019-NOW** **Technical Content Writing**
Published many articles on Geeks For Geeks related to Data Structure and algorithms on topics like Graphs, Fenwick-Trees etc.
- 2017** **National Level Basketball Player**