

# SUSHANT NEGI

## Software Engineer

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🔗 <https://github.com/CARBANOID>

## EDUCATION

B.Tech - Computer Science Engineering

**Graphic Era Hill University**

CGPA : 8.7

📅 ( 2022 - Current )

Intermediate (CBSE)

**Army Public School Birpur**

Percentage : 82.2 %

Stream : PCM

📅 ( Year of Passing - 2022 )

High School (CBSE)

**Army Pubic School Birpur**

Percentage : 90.8%

📅 ( Year of Passing - 2020 )

## PROJECTS

### Bitrieve (A File Recovery Tool)

- Developed a Software for Recovering Deleted File in Windows NTFS 3.1 File System
- Accessed \$MFT (Master File Table) by reading the Raw Volume , \$BITMAP to get Info about used and unused clusters and then Accessed Deleted File Entry and checked it's RunList for Cluster Info Information to restore the Deleted File
- Written in C++ Language

### Detrace (A Code Plagiarism Checker Tool)

- A Software for checking Code Plagiarism in Coding Assessments for C Language
- Created a Portable Moore Machine through Trie Data Structure that provides the Token of a particular Lexeme for any Language .
- Used Bison,wrote semantics for creating Abstract Syntax Tree .
- Applied Tree Edit Distance and Subtree Detection algorithms for checking plagiarism rate
- Written in C++ Language

## ACHIEVEMENTS

- Solved 450+ Problems on LeetCode  
<https://leetcode.com/u/sushant2004negi/>
- Participated in Hack-o-holic Hackathon

## SKILLS

### Technical Skills

C/C++



Python, Java (Core), JavaScript



### Soft Skills

Reasonable Thinking

Flexible

Proactive

Problem Solving

Observant

Pragmatic Approach

Analytical Thinking

Sympathy

Commitment