SANSKAR JAIN

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Summary

Logical and results-driven computer science student with a strong foundation in C and C++. Proficient in C, C++, Java, HTML and CSS. Seeking to work for an organization to fulfil the company's objective as well as grow and develop my own skills and knowledge as a coder.

Experience

Tech Mahindra, Noida   June 2023 – August 2023
Software Development Intern
- Adapted to new technology of machine learning and convolutional neural network in an online setting, developed a module of a project on image tampering detection that distinguishes between original and tampered images.

Education

Amity University, Noida
B. Tech. in Computer Science Engineering | **CGPA : 8.07**   September 2020 – June 2024

Bharti Public School, New Delhi - 92
Senior School | **Percentage : 92.8%**   April 2019 – March 2020

Bharti Public School, New Delhi - 92
Secondary School | **Percentage : 92%**   April 2017 – March 2018

Skills

Technical Skills :   C/C++, Core Java, Python, HTML5, CSS, JavaScript, Bootstrap, Flask, Linux Operating System, DBMS – MySQL, Git, OOP, DSA, Troubleshooting, Software Testing, Agile Methodologies, Kanban, Software Project Management

Soft Skills :   Problem Solving, Presentation Skills, Communication, Leadership, Teamwork, Touch-Typing

Projects

- **Vulnerability Detection Tool :** A comprehensive vulnerability assessment tool focusing on critical issues like SQL injection and XSS. It also focuses on web crawling, directory enumeration, firewall detection, and vulnerable port detection using tools like Nmap, wafw00f, and various third party python modules. Synchronous function calls are used for faster output processing.
  Github: https://github.com/sansjaindev/vulnerability-scanner

- **Image Tampering Detection :** The project utilizes a Convolutional Neural Network (CNN) built with TensorFlow and Keras to distinguish between authentic and tampered images by analyzing inconsistencies in different image regions.
  Github: https://github.com/sansjaindev/image-tampering-detection

- **Criminal Record Management System :** A CPP program that makes use of binary file to store criminal's details locally in the host system.
  Github: https://github.com/sansjaindev/criminal-record-management-system

Certifications

NPTEL   April 2024
Python for Data Science

NPTEL   November 2023
Cyber Security and Privacy

DevTown   February 2023
Backend Web Development using JavaScript, Node.js and Express

freeCodeCamp   October 2022
JavaScript Algorithms and Data Structures

Google Developer Students Club, Amity University   December 2021
30 Days of Google Cloud Program

freeCodeCamp   July 2021
Responsive Web Design

Achievements

- **5 – Star Coder in C++ at HackerRank**
- **3 – Star Coder at CodeChef**
- **Solved 500+ questions at LeetCode**
- **Second runner up - Cyberlympics (AYF, 2023)**
- **First runner up - Brain Busters (GFG club, ASET)**
- **Got Scholarship in first year of Engineering**