

Anubhav Sharma

COMPUTER ENGINEERING-THIRD YEAR UNDERGRADUATE

Thapar Institute of Engineering And Technology ·

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Education

Thapar Institute of Engineering And Technology

BACHELOR OF ENGINEERING, MAJOR IN COMPUTER ENGINEERING

• Cumulative Grade Point Assessment / **CGPA: 9.0/10.0**

Patiala, India

2018 - Present

DAV Public School

SECONDARY, HIGHER EDUCATION

• Grade 12 **CBSE Boards Percentage: 91.0 %**

• Grade 10 **CBSE Boards Cumulative Performance Index/CGPA: 10.0/10.0**

Amritsar, India

2001 - 2017

Skills And Relevant Coursework

Languages C/C++, Python, SQL

A Computer Programming

A Optimisation Techniques

* Data Science

A: Grade pt.10 * : Ongoing

A Operating Systems

A Database Management System

* Design And Analysis of Algorithms

A Data Structures

* Artificial Intelligence

* Software Engineering

Personal Development Work Experience

WORK

- Research Scholar: Under Dr. Karamjeet Singh, Asst. Prof TIET, Patiala
Improved transfer learning classification accuracy for detection of COVID-19 from a Chest X-ray sample through deep learning (CNN)

Sept. 2020 - Ongoing

SOCIETIES

- Tech Member Microsoft Student Chapters, TIET
- Tech Member Entrepreneurship Development Cell, TIET

Aug. 2018 - May. 2019

Jan. 2020 - Present

Personal Projects

Computer Vision + AI based TicTacToe PYTHON

- Play TicTacToe with computer using your webcam. The grid appears on the webcam feed and finger is placed where we want to make our move
- Uses Minimax algorithm to simulate optimal computer moves

Virtual Voice Assistant for MAC/Windows PYTHON

- Intelligent string handling coupled with Voice Recognition, API services and Web Scraping
- Modern eel based GUI (HTML/JS GUI, with full access to Python capabilities)

Live COVID-19 Updates JAVASCRIPT, HTML

- Dynamic webpage showing real-time statistics of COVID-19 cases. Daily/Statewise/Graphs

Games

- Flappy Bird clone using p5.js for client-side graphics
- Space Invaders, a retro 2D shooter game using Pygame
- Snake, a Python clone of the classic Nokia game

[github.com/sharma-anubhav/Flappy Bird.js](https://github.com/sharma-anubhav/Flappy-Bird.js)

github.com/sharma-anubhav/SpaceInvasion

github.com/sharma-anubhav/Snake

anubhav-sharma.com JEKYLL

- Web Blog with a curated collection of my programming projects and hobbies as a undergraduate