

PANAV SINHA

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EXPERIENCE

IEEE Computer Society, VIT Chennai

Student Member (Nov 2020 - Present)

- Helped conduct various events including Cryptic Hunts, workshops, etc.
- Currently working on an application which keeps tally of expenses upon uploading the receipts of the same.

SEDS Antariksh, VIT Chennai

Student Member (Jul 2021 - Present)

- The first Astrology club of VIT Chennai.
- Currently planning on creating a cheap and easy to handle drone.

Jindal School, Soyabali

Head Boy (Mar 2019 - Feb 2020)

- Head Boy for the academic year 2019-20. Duties were to manage all the school committees and ensure that the school stood out in various competitions.

Vice Head Boy (Jun 2018 - Feb 2019)

- Was appointed as the Vice Head Boy for the academic year 2018-2019. Duties included coordinating various school committees.

EDUCATION

Vellore Institute of Technology (2020 - 2024)

Bachelor of Technology - Computer Science

- Current GPA - 9.15/10
- Part of clubs like SEDS Antariksh, VIT Chennai and IEEE Computer Society.

Jindal School, Soyabali (2009 - 2020)

- School Rank Holder with 95.00% in CBSE AISSE, 2018 with 100% marks in Foundation of Information Technology and highest marks in Mathematics.
- School Rank Holder with 94.40% in CBSE AISSCE, 2020 with 100% marks in Physical Education and highest marks in Physics and Mathematics.

SKILLS

- **Python (Programming Language)** - Good grasp on basic data structures, basic data handling using Pandas, NumPy, Scikitlearn.
- **C/C++** - Good grasp on basic data structures in C, currently learning C++
- **HTML and CSS** - Can make basic websites with predefined CSS templates.
- **Dart and Flutter** - Useful for making cross-platform applications. Familiar with libraries such as VelocityX.
- **SQL** - Sound knowledge of databases using SQL. Familiar with PLSQL as well.

PROJECTS

- **Face Detection using OpenCV:** Created a model capable of detecting faces in still images as well as live video. The main components are OpenCV and Haar cascade.
- **Invisible Cloak:** Created a model which hides everything behind a specific colored "cloak". This was achieved by replacing parts behind the cloak with parts from a pre-clicked background image. The main components are OpenCV and NumPy.
- **Catalog App:** Created an application that serves as a catalog for various products. It was mainly to earn more about Dart and Flutter.
- **Budget Management System:** A simple budget management system which helps a person keep track of their expenses depending upon their budget expectations for a particular period. The main components are HTML, CSS, MySQL and PHP.

HONOURS AND AWARDS

Highest rating of 1617 on CodeChef, Award for Academic Excellence (8+ consecutive years) - Jindal School, Gold Badge (Python) - HackerRank, 3 Star C developer - HackerRank, 50+ problems on LeetCode, 40+ contributions on GitHub.