

Utkarsh Patel

Third Year Undergraduate
Department of Computer Science and Engineering
✉ utkarshpatel500@gmail.com
☎ +91-6387377103



Indian Institute of
Information Technology, Nagpur

EDUCATION

Indian Institute of Information Technology, Nagpur B.Tech in Computer Science and Engineering (CGPA 8.31)	<i>2018 - 2022*</i>
Kendriya Vidyalaya AFS Manauri, Allahabad Senior Secondary (CBSE)	<i>2015-2017</i>
Kendriya Vidyalaya AFS Manauri, Allahabad Secondary (CBSE)	<i>2012-2015</i>

RELEVANT INTERESTS

Data Structures, Algorithms, Competitive Coding
Problem Solving, Software Development

PROJECTS UNDERTAKEN

Linux Mini Terminal : A Linux terminal implemented in C programming language using concepts of fork, exec, signals, pipes etc. Different kinds of interrupts were also handled.

Video App : A django based video player app, using the YouTube Data API v3 which provides the Youtube result on the app.

Vehicle Management System : A Vehicle Management System implemented using concepts of OOPs and file handling for storing data in C++.

RecordIn : A student record data management system implemented using AVL trees and Linked Lists and file handling for storing data in C.

Examination Centres : A project to select examination centre and allot using the concepts of linked list in C.

Admission Database : A MySQL and Python based database developed for keeping Admission record using mysql.connector, pandas and JSON.

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python

Technologies and Frameworks: HTML, CSS, Bootstrap, Django, MySQL

Operating System and Tools: Linux, Windows, Git, Sublime, Latex

COURSEWORK

Computer Programming, Data Structures, Advanced Data Structures, Discrete Mathematics, Computer System Organization, Object Oriented Programming, Application Programming, Design and Analysis of Algorithms, Operating System, Software Engineering.Database Management System*,Computer Networks*,Theory of Computation* (*currently pursuing..)

ACHIEVEMENTS

Problem Setter in Codechef contest

Participated as Teaching Assistant for course of Competitive Coding

Runner-up in coding competition organised by our college.

Ranked 4th in Inter IIIT coding contest.

District Level Qualifier in JMO.

CAMPUS ACTIVITIES

Logistic Manager of Programming Community (dotslash Community) at IIIT Nagpur.

Mess Representative at IIIT Nagpur.

Volunteered as coordinator in Tantrafiesta, technical fest, held in college.

LINKS

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