

# Abhishek Padghan

Second Year Undergraduate

Department of Computer Science and Engineering

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Indian Institute of  
Information Technology, Nagpur

## EDUCATION

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**Indian Institute of Information Technology, Nagpur**

2018 - 2022\*

B.Tech in Computer Science and Engineering

**Ujjwal High School, Nagpur**

2016 - 2017

Senior Secondary Examination (Maharashtra State Board)

**Kendriya Vidyalaya Raiganj, Kolkata**

2009 - 2015

Secondary (CBSE)

## INTERNSHIPS

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**Summer Intern - International Institute of Information Technology, Hyderabad** May 2019  
*Hyderabad*

- Worked as a open source software developer at IIIT Hyderabad and successfully completed two projects
- Multiplier-circuit: Designed multiplier circuitry for 4 bits multiplication using Sincir framework, jQuery, JavaScript, HTML, and CSS.(Project link)
- Morphological operation: Designed the experiment to understand the basics of morphological operations which are used in analyzing the form and shape details of image structures.(Project link)

## SPORT PROGRAMMING

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**Competitive coding website profiles**

**Codechef** : Hazardous120 (Four Star 1842 rating)

**Codeforces** : Hazardous120 (Specialist 1405 rating)

## PROJECTS UNDERTAKEN

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**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.

**Library Management System** : A project that manages and stores books information electronically according to students needs. The system helps both students and library manager to keep a constant track of all the books available in the library.

**DotSlash Community Website** : Designed the dotslash community website, where the first year student had the option to practice the questions, discuss any doubts and details about the contest conduct by community.

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

**Dynamic JS Quiz** : Build a JavaScript quiz application dynamically add the next question and remove the current question from the screen. Stores the quiz questions in an external JSON file.

## TECHNICAL SKILLS

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**Programming Languages(Day to Day):** C, C++, Java.

**Programming Languages(Familiar):** Python.

**Tools and Frameworks:** GIT, Latex.

**Web Tech :** HTML, CSS, Javascript.

**Platform:** Linux, Windows.

## COURSEWORK

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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.

## RELEVANT INTERESTS

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Algorithms, Data Structures, Programming Contests, Software development, Gaming.

## ACHIEVEMENTS

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In Top 1 percentile in Senior Secondary Examination in 2017.

Four star (1842 rating) on Codechef, among top 4.62% in world.

Ranked 169 out of 4389 participants in Codechef programming contest.

Ranked 264 out of 9768 participants in Codechef Long challenges.

Teaching Assistant in December 2019 to mentor freshers in competitive programming.

Problem setter on Codechef programming contest.

Cleared the first round of Techanthlon(Code Stumble) organized by ABV-IIITM Gwalior, and selected for onsite contest.

## CAMPUS ACTIVITIES

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Co Secretary and Educator of Programming Community at IIIT Nagpur "dotslash Community"

Winner of Robotics Workshop held at Indian Institute of Information Technology, Nagpur.

## LINKS

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 Abhishek Padghan

 Abhishek Padghan(Portfolio)

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