

# Arun Das

Second Year Undergraduate  
Department of Computer Science and Engineering  
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Indian Institute of  
Information Technology, Nagpur

## EDUCATION

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<b>Indian Institute of Information Technology, Nagpur</b> B.Tech in Computer Science and Engineering (CGPA: 9.7/10)	<i>2018 - 2022*</i>
<b>Atomic Energy Central School-4, Mumbai</b> Senior Secondary (CBSE) (95.6%)	<i>2016-2018</i>
<b>Atomic Energy Central School-4, Mumbai</b> Secondary (CBSE) (97.2%)	<i>2005-2016</i>

## SPORT PROGRAMMING

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- Five Star (2102 rating) on Codechef. [Link](#)
- Expert (1675 rating) on Codeforces. [Link](#)
- Selected for ACM-ICPC Asia Amritapuri Regionals Round in 2019

## 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. handling for storing data in C.

**Pacman** : The traditional game of Pacman developed using PyGame in Python utilizing concepts of Path Finding Algorithms and Classes.

**Piano Bot** : An Auto Click Bot for the game Piano Tiles 2 developed using OpenCV for Colour Detection and PyAutoGUI in Python.

**Hospital Management System** : System for managing records of patients in files developed in C++ implemented using of Object Oriented Programming concepts and File Handling.

## TECHNICAL SKILLS

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**Programming Languages (Day to Day):** C, C++, Python

**Programming Languages (Familiar):** PHP, Java, Javascript

**Tools and Frameworks:** Vim, Django, OpenCV, GIT, L<sup>A</sup>T<sub>E</sub>X

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

**Platform:** Linux

## INTERESTS

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Algorithms, Data Structures, Solving Puzzles, Competitive Programming, Software Development, Participating in Online Coding Competitions.

## 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.

## ACHIEVEMENTS

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District Topper in Secondary Examination in 2016.

Ranked 99 out of 3987 participants in CodeChef Programming contest.

Ranked 25 out of 12484 participants in CodeChef Long Challenge.

Participated as Teaching Assistant for course on Competitive Coding.

Problem Setter & Tester for Programming Contest on Codechef.

## EXTRA CURRICULAR ACTIVITIES

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Head Developer of Programming Community at IIIT Nagpur.

Technical Coordinator for college level festival Tantrafiesta.

## LINKS

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