

# Aayush Aggarwal

## Curriculum Vitae

## CONTACT INFORMATION

### PHONE

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## SKILLS

### DESIGNING & CREATIVITY

After Effects • Premiere Pro • Vegas  
FL Studio • Illustrator • PhotoShop  
Blender • Maya • Cinema 4D • 3Ds

### PROGRAMMING

C++ • C • Python • Java • Shell  
Assembly • Matlab • Latex • SQL  
HTML • CSS • PHP • JavaScript

### LANGUAGES

English - Native Proficiency  
Hindi - Native Proficiency  
German - Elementary Proficiency

## LINKS

Codechef: /aayush9  
Codeforces: /aayush9  
Github: /aayush9  
LinkedIn: /aayush9

## HOBBIES

- Competitive Programming
- Quizzing
- Chess (Non-Competitive)
- Table Tennis (Non-Competitive)
- CTFs & Cryptic-Hunts

## ABOUT

As a college student interested in computer science & technology, I was interested in graphics, animation and 3D modelling during my school days, and after joining college, got interested in programming. I dedicated an year to learn about its algorithmic side in the form of competitive coding, and now looking forward to explore its development side to actually make something helpful & relevant for the community.

## EDUCATION

**UNIVERSITY** Indraprastha Institute of Information Technology Delhi (IIITD)  
B.Tech in Computer Science

Class of 2020

CGPA: 8.44 (upto 4<sup>th</sup> semester)

**HIGH SCHOOL** Delhi Public School Dwarka, New Delhi (Since April 2002),  
Graduated in May 2016.

Grade	Subjects	Aggregate
XII	Computer Science, Mathematics, Physics, English, Chemistry	95.8%
XI		83.6%
X	Foundation of IT, Mathematics, General Sciences, English,	10 CGPA
IX	Social Sciences, Hindi	9.6 CGPA

## STUDENT CLUBS & ACTIVITIES

- **Elite Member**, FooBar Coding Club, IIIT Delhi
- **Member**, Everisté Mathematics Club, IIIT Delhi
- **Member**, INK. Graphics Design Club, IIIT Delhi
- **Creative Team & Event Organizer**, Odyssey 2017, IIIT Delhi
- **Event Organizer**, Esya 2018, IIIT Delhi
- **President**, I.T. Council, DPS Dwarka
- **Multimedia Head**, C.O.R.E. Computer Club, DPS Dwarka

## AWARDS & ACCOLADES

2017 All-India 44th, ACM-ICPC India Online Qualifier round  
2017 All-India 23rd, ACM-ICPC Kolkata-Kanpur multisite regionals  
2017 All-India 35th, ACM-ICPC Amritapuri multisite regionals  
2018 First, NITD Programming League, NIT Delhi  
2017 Reached Master on CodeForces (Rating 2104)  
2017 All-India 2nd, Codechef July Long Challenge (24th global)

## PROJECTS

- **Muti-user chat system:** A message sharing application in linux using various inter-process communication mechanisms.
- **Chain Reaction Game:** A game made in form of a java applet, similar to the original chain reaction game, but with additional features like network play.
- **ARM Assembly Simulator:** A C++ program that interprets and runs ARM assembly instructions, with the 5 fundamental stages of the ARM assembly.
- **Cardiosol:** An application that aims to detect condition of Tachycardia using webcam, Cardiosol allows easy medical check-ups at home. It measures heartbeat using webcam, and connects the user with doctors, in case possible occurrences of disease are found.