

PRIYANSH AGARWAL

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Education

Indraprastha Institute of Information Technology, Delhi
Bachelor of Technology in Computer Science and Engineering
CGPA – 8.65 / 10

Aug 2019 – Apr 2023

Delhi Public School R.K. Puram, Delhi
Senior Secondary (Class XII)
Percentage – 95.8 (Top 1 percentile in India)

Mar 2017 – Mar 2019

Achievements

- Secured **Global Rank 6** and **India Rank 1** in Google Kickstart Round A [Certificate](#) Mar 2022
- Secured **India Rank 3** in CodeAgon, all India coding testing of Trilogy Innovations [Certificate](#) Feb 2022
- [CodeForces](#) : Maximum Rating – **2089 (Candidate Master)** | Solved over 1800 problems | **Top 110 in India.**
- [CodeChef](#) : Maximum Rating – **2225 (6*)** | **Top 250 in India.**
- Secured **India Rank 20** with **Honorable mention** in ICPC Asia Amritapuri Regionals [Certificate](#) Aug 2021
- Secured **Global Rank 146** in Google Kickstart Round D (top 1.3%) [Certificate](#) Jun 2021
- Secured **Global Rank 28** and **India Rank 1** in Reply Challenge team optimization contest Mar 2021
- Cleared CodeChef certified DSA Advanced Level Exam (CCDSAP) [Certificate](#) Aug 2020
- Secured **Global Rank 702** and **India Rank 51** in Google Hash Code Feb 2020
- Received the **Dean's Award in Technical Category** at IIIT Delhi which is given to only 1 student in college for the most exceptional performances in international technical competitions 2020-2021

Experience

Problem Testing Intern at Relevel, Unacademy Jul 2021 – Present

- Tested and verified the correctness of over **500** programming problems included in the all India hiring tests conducted by various tech companies on the Relevel hiring platform..
- Designed exhaustive sets of test cases to evaluate solutions submitted by over **1000** candidates on each problem.

Competitive Programming YouTuber [Link](#) Dec 2020 – Present

- Filmed, edited and uploaded over **120** videos on my YouTube channel, where I teach various programming concepts and spread awareness about Competitive Programming among school and college students.
- Scaled the channel to over **28000** subscribers and **1.5 million** views within a year of its launch.

Projects

CodeForces Visualizer App [GitHub](#) Mar 2021 – Present

- Developed an android app in **Kotlin** to fetch publicly available information such as problems solved, rating changes, etc, of any user on Codeforces (a competitive programming website).
- Retrieved the data using Codeforces API and **Retrofit** client in Android and displayed it in the form of graphs and charts using MPChartAndroid Library.

Color Switch Game Clone [GitHub](#) Nov 2020 – Dec 2020

- Developed a clone of the color switch game in **Java** using **JavaFx** supporting endless gaming and collision detection.
- Added additional features pausing, saving and loading games using serialization.
- Followed **Object Oriented Programming** design concepts and made **UML** and **Class Diagrams** before writing any code.

Anti Cheating Rock Paper Scissors Gloves [GitHub](#) Aug 2019 – Sep 2019

- Built a pair of gloves to detect the user's choice of rock, paper or scissors and catch a cheater by finding the time difference between the turns of players. Used **Arduino** and Bluetooth sensors to receive the user's input wirelessly.
- Used **Processing** Software for the user interface.

Technical Skills

Expertise Area

- Competitive Programming, Data Structures and Algorithms, Android Development

Programming Languages and Technologies

- C / C++, Java, Python, Kotlin, Android Studio, Google Firebase, Git and GitHub, Linux, C++ Standard Template Library

Technical Courses and Electives

- Data Structures and Algorithms, Analysis and Design of Algorithms, Operating Systems, Database Management Systems, Object Oriented Programming, Computer Networks.

Positions of Responsibility

Club Coordinator - FooBar, Competitive Programming club of IIIT Delhi Apr 2021 – Present

- Headed the club by planning, preparing and organising various intra-college and inter-college competitions.
- Organised weekly code-classes on relevant competitive programming concepts along with seasonal training sessions for international contests like ICPC, Facebook Hacker Cup, Google Code Jam, etc to promote the coding culture at college.

Teaching Assistant

- Competitive Programming 1 course, IIIT Delhi. May 2021 – Jul 2021
- Competitive Programming course, Coding Ninjas India. Apr 2020 – Aug 2020