

Rajveer Singh Bharadwaj

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GitHub : <https://github.com/Rajveer100>

PROFILE

Highly engrossed and inquisitive in the World of Computers and Modern Technology with a strong foundation in Math, Programming and Logic building.

ACHIEVEMENTS

#1 COMPETITIVE PROGRAMMER IN COLLEGE — 2022

- Consistently won 2 - 3 Programming Contests conducted by the Coding Club .

ADVANCED TO GOOGLE CODE JAM ROUND 1A (OR 1B OR 1C) — 2022

- Rank **1709** in **Round 1C** [**Top 1500 advance to Round 2**]

BUILT MY OWN ORDER STATISTIC TREE USING RED BLACK TREES — 2021

- Efficient implementation of various operations like Find by order, Rank, Insert, Delete, Find, Min, Max...
- All operations performed in $O(\log(n))$ time and $O(1)$ Self balancing time by Rotations.

ADVANCED TO GOOGLE CODE JAM ROUND 1A (OR 1B OR 1C) — 2021

- Rank **5735** in Round 1
- Scored **59** points in Qualification Round

BUILT FULLY FUNCTIONAL IOS APPS — 2018-2019

Presented the below projects at **IBM meet** in Bangalore :

- Flower Classification App (using Google's Machine Learning Model)
- Augmented Reality Ruler (using ARKit)
- Weather App (JSON parsed from openWeather)
- BitCoin Value Ticker (in various currencies)
- Flash Chat (using Google's Firebase)

EDUCATION

- Bachelors - B.Tech in CSE (BIT Bangalore) (5th Sem current)
- Pre-University - Delhi Public School North Bangalore
- High School - Ryan International School Bangalore

SKILLS

- Languages - Proficient in **C++**, **Python**, **Java** and **Swift**.
- Data Structure and Algorithms
- Solved over more than **1450+** problems from top competitive programming websites - **Codeforces**, **CSES** and profound in most topics.
- Intermediate level **iOS Developer**, proficient with **Xcode** and **Unix Terminal**.

- Aware of the latest technologies like **SwiftUI**.

HOBBIES

- Listening to Hip-Hop Music
- SpeedCubing
- Programming
- Gym and Long Distance Running

BANGALORE 560016