

## Contact

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## Top Skills

Data Structures

Python (Programming Language)

C++

## Certifications

ICPCID

Codechef Certification

Smack Down

## Honors-Awards

Secured Global Rank 74 in  
Codechef August -Cookoff

Specialist at Codeforces

# Parth Arora

Gsoc'20 Moja-Global | ACM-ICPC-19 | SIH-20 Winner | 4\* Codechef  
| Specialist Codeforces | C++ | Node.js | Python

Indore

## Summary

Hy, I am a final-year undergraduate doing Engineering in Computer Science. I have always enjoyed acquiring information, learning new concepts and ideas that the courses introduced me to, and stood amongst the best performers in the subject.

I am also an active member at Codechef and Codeforces in which I do Competitive Programming and have good ratings there. These all include development and testing of logic and code, and I mostly write them in C++. And also played ACM-ICPC challenges and secured good rank(15 –Chennai Provisional Contest). This all developed a skill in me of optimization.

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## Experience

### Google Summer of Code

Performance Engineer at Moja Global

June 2020 - Present (3 months)

Belgium

FLINT is an open-source, modular tool that estimates greenhouse gas (GHG) emissions from the land by modelling the flux of GHG on millions (or even billions) of land parcels.

This project idea is to refactor the code base of the core software tool to speed up processing. The code has to be hyper-efficient as every microsecond too much is repeated millions of times.

My work is to point out areas where the FLINT code can be made more efficient. The task at hand is to review these areas and implement code refactoring mainly to improve speed but also improving readability, identify vulnerabilities and prepare the code for further development

Language: Advanced C++, Tools: CMAKE.

Walkover

Software Engineer

May 2020 - May 2020 (1 month)

India

My project was to make a REAL-TIME collaboration software for Chatting by using Ckeditor.

Language: Framework: Node.js, Electron.js

Frontend: Angular

Database: Postgresql

Gramiksha

Software Engineer

May 2019 - December 2019 (8 months)

India

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## Education

Institute of Engineering & Technology DAVV, Indore

Bachelor of Technology, Computer Science · (2017 - 2021)

Bal Bhavan School

12th · (2016 - 2017)