

# Ritvik Mahajan

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## EDUCATION

**THAPAR UNIVERSITY**  
B.E IN COMPUTER SCIENCE  
2019 - 2023  
CGPA: 8.26 / 10

**DELHI PUBLIC SCHOOL**  
AISSCE (CLASS XII)  
2019 | Vasant Kunj, New Delhi  
Aggregate: 92%

**NAVY CHILDREN SCHOOL**  
AISSE (CLASS X)  
2017 | New Delhi  
CGPA: 10 / 10

## LINKS

Leetcode:// [ritvikmahajan17](#)  
Github:// [ritvikmahajan17](#)  
LinkedIn:// [ritvikmahajan17](#)  
Codechef:// [ritvik17](#)  
Hackerrank:// [scaredgender](#)

## COURSEWORK

### UNDERGRADUATE

Computer Programming in C++  
Object Oriented Programming  
Data Structures  
Design and analysis of algorithms  
Cloud Computing  
Database Management System  
Artificial Intelligence  
Machine Learning  
Computer Networks  
Software Engineering  
Computer Architecture and Organization  
Operating Systems  
Discrete Mathematics  
Numerical Analysis  
Optimization Techniques

## SKILLS

### PROGRAMMING

Over 5000 lines:  
C++ • C  
Over 1000 lines:  
Python • Django • Django REST Framework • HTML • CSS  
• SQL • Git  
Familiar:  
Android • Kotlin • Android Studio • Arduino • LESS

## EXPERIENCE

### WESSE, MINISTRY OF DEFENCE | RESEARCH INTERN

Feb 2021 - April 2021 | New Delhi

- Delivered Solutions for automating interpretation of a complex graph.

### KOHLI MEDIA LLP | ANDROID DEVELOPER INTERN

June 2020 - July 2020 | WFH

- Optimized app performance by replacing ListView with RecyclerView.
- Refactored Java code into **Kotlin**.
- Designed and implemented a floating button on the login page for Kohli one app, available on Google play-store.

### SBUTTONS | OPEN SOURCE CONTRIBUTOR

Nov 2020

- Designed a button, using **Less** and **CSS**, named 'Disco' for SButtons available in the special category on their **website**.

## PROJECTS (HYPERLINKED)

### LEETSHEET | JAVASCRIPT, DJANGO, CSS, HTML, GIT, SQL, AJAX

Google chrome extension for modern Leetcode revision.

- Leetsheet serves as a tool to save a Leetcode problem directly into google sheets with a single click.
- Explores Google Sheets API with the help of Django back-end.

### COVSTAT | KOTLIN, XML, GIT, FIGMA, POSTMAN API, RETROFIT API

Worldwide Coronavirus statistics application.

- This application gives users a visual representation of Covid19 statistics of all countries.
- Built in **MVVM** architecture.

### SKBLOG | PYTHON, DJANGO, DJANGO REST FRAMEWORK, HTML, CSS, SQL

Blogging website where users can share their thoughts and photos

- This application allows **CRUD** operations for all users and their blogs.
- Has its own **Web API**, implemented using the Django REST framework.

## ACHIEVEMENTS

- 6 stars** in Problem Solving on Hackerrank
- 1714(max)** rating on Codechef.
- Solved **600+** problems on GeeksForGeeks & Leetcode.

## POSITIONS OF RESPONSIBILITY

### VERITAS - DIGITAL LOGBOOK | SOFTWARE DEVELOPER

Feb 2021 - July 2021

- Responsible for software maintenance across the codebase. Required wide understanding of the internals of the software and systems.

### CREATIVE COMPUTING SOCIETY | TECHNICAL MEMBER

Nov 2020 - Jan 2022

- Conducted workshops on Android Development for first year students.