

RITESH AGGARWAL

Computer Science and Engineering, Bachelor of Technology

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OBJECTIVE

Seeking a position within an organization where my technical skills will be utilized and provide me the opportunity to expand my knowledge.

EDUCATION

Year	Examination	Institution	Marks Obtained/OGPA
2020	B. Tech (CSE)	Indian Institute of Technology (ISM), Dhanbad	8.52/10 (Till 6 th Semester)
2015	Class XII, CBSE	Spring Dales Public School, Mawana	83.8%
2013	Class X, CBSE	Spring Dales Public School, Mawana	10 CGPA

INTERNSHIP

Company Name	Period	Nature of Job
SAMSUNG R&D-Bangalore	17 May'19 – 12 July'19	Software engineer for Camera Systems team for Qualcomm chipsets.

ACADEMIC ACHIEVEMENTS

- Cleared upto 2nd Round of **Facebook HackerCup-18**
- Secured 25th Rank [final_rank_list] in **Code Marathon 4.0 (Powered by CodeISM)** [Username: riteshagg50297]
(Leaderboard: <https://www.hackerrank.com/contests/code-marathon-4-2/leaderboard/3>)
- Secured 13th Rank as Team in **NITD ReverseCoding** (Organized by National Institute of Technology, Delhi)
(Leaderboard: <https://www.hackerearth.com/challenge/college/nitd-reverse-coding-v20/leaderboard/>)
- Secured 203th Rank in **Airtel Crack the code 2018** (Organized by AIRTEL)
(Leaderboard: <https://www.hackerearth.com/challenge/competitive/airtel-crack-the-code/leaderboard/>)

TECHNICAL SKILLS

- Programming Languages:** Proficient in C, C++ and beginner in JAVA
- Scripting Languages:** Intermediate in PYTHON , beginner in SHELL
- Operating System:** Windows, Ubuntu
- Front End Development:** XML, FLUTTER, ANDROID STUDIO

CODING SKILLS

- SPOJ:** Solved 80+ questions (Username: imkiller, World Rank: 5024)
- HACKER-EARTH:** Solved 400+ questions (Username: imkiller.32)
- HACKER-EARTH:** Current Contest Rating 1546 (Username: imkiller.32)
- HACKERRANK:** Current Contest Rating 2020 (**Silver Medal**) (Username: imkiller)
- CODEFORCES:** Contest Rating 1462 (Username: imkiller)
- Secured 57th Rank as Team in **Code Battle** (Organized on HackerEarth)

PROJECTS

- **Copy-Move Forgery Detection**
An Efficient Method for detecting copy-move forgery over images tempered by various means.
Link: <https://github.com/imkiller32/ImageProcessing-Projects>
Status: Ongoing
Mentor: Dr. Soumen Bag, IIT(ISM), Dhanbad
- **Optimization of Remosaic Pipeline for Lossless Zoom [Project in SRIB]**
Optimizing the current capture time and showing a preview on non-binning mode in real-time to end users.
Status: Completed
- **PadhaiWala**
Created Android/iOS application (PadhaiWala) available on Google Play Store which provides study material and important news-feeds for college students.
The application was created in **collaboration** with like-minded peers.
Link: <https://play.google.com/store/apps/details?id=com.webnode.iitism2k16.www.iitism2k16>
Status: Currently working on version 2.0 (Available on github)
- **Surveillance System and Basics of Image Processing**
Image processing based **smart surveillance system** which detects the presence of any foreign or dynamic object in the field of region of a camera.
Link: <https://github.com/imkiller32/ImageProcessing-Projects/tree/master/MotionTracking%26Detecting>
Status: Completed
- **Gender Predictor App [Android / iOS using Flutter]**
It takes a name as an input and processed that on sever and will predict whether it the name is of a female or a male.
Link: https://github.com/imkiller32/Gender_Prediction
Status: Completed

CO-CURRICULAR ACTIVITIES

- Certified Level 6 writer at **Shiksha.com**
- Writer at **Quora** (100k+ views)
- Organizer in “Unplugged” Band Competition (Held during Srijan 2018)

INTRESTS

- Reading Articles and Blog writing