RAJAN JHA

Achievements

- **TCS CodeVita 2019 - All India Rank 473**
- **Facebook Hacker Cup 2019 - R2 - Rank 926**
- **Infosys Certified Software Programmer**

Skills

Programming Languages

- C++ — Advanced
- Java — Advanced
- JavaScript — Advanced
- Python — Beginner
- TypeScript — Beginner

Tools and Technologies

- HTML — Advanced
- CSS — Advanced
- Bootstrap — Advanced
- MySQL — Advanced
- React — Beginner
- Node.js — Beginner

Co-Curricular/Extra-curricular

- Participated in Smart India Hackathon 2017
- Participated in Institute Hackathon 2017
- Published an article on Wearable Technologies
- Editor in International Press of TCET MUN
- Working Committee Member in Zephyr
- Working Committee Member in MULTICON

Hobbies

Playing Cricket　　　Learning magic tricks

Internship

Software Engineer Intern　　Aug'18 – Jan'19
Citizens Association for Child Rights

- Worked on development of application EduRP and successfully integrated client requirements in the application.
- Gained experience of development in all the phases of Software Development Life Cycle (SDLC) of the application.

Projects

Fire Detection using Color Recognition　　Aug'19 – April'20
Python, OpenCV

Developed a Machine Learning System that learns from training dataset and alerts on dominant color variations to detect fire in real time.

IEEE research paper published at the International Conference on Intelligent Computing and Networking 2020 (ICICN - 2020).

College Management System　　Jan'19 – April'19
HTML, CSS, Php and MySQL

Developed a webapp which is capable of performing CRUD operations on a MySQL database and assisting in basic college activities.

Image Filters Website　　July'18 – Dec'18
HTML, CSS and JavaScript

Developed a website which is capable of applying filters, perform steganography and apply green screen algorithm on an image.

Game Arena　　Aug'17 – April'18
Unity3D

Developed website of games offering an immersive gaming experience of collecting coins, defeating enemies and reaching new levels.

Educational Background

BACHELOR OF ENGINEERING | *COMPUTER* | 2016 - 2020

- **Thakur College of Engineering & Technology, Mumbai**
- **CGPA:** 8.34/10
- **Coursework:** Algorithms, Data Structures, Databases, OS, Computer Networks, Software Engineering

H.S.C | 2014 - 2016

- **Mithibai College, Mumbai**
- **Percentage:** 80.77%

S.S.C | 2014

- **St. Lawrence High School, Mumbai**
- **Percentage:** 86.00%

Courses

Java Programming: Solving Problems with Software
Duke University - Coursera

Html, CSS and JavaScript for Web Developers
Johns Hopkins University - Coursera

Learn SQL
One Month