

Rishikesh Chaudhary

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EDUCATION

IIT ROORKEE

B.tech in Computer Science
Graduation , July 2020
CGPA: 6.921

JNV LUCKNOW

Intermediate (CBSE), July 2016
percentage: 94

JNV CHANDALI

Highschool (CBSE), July 2014
CGPA : 10.0

SKILLS

OS:

Linux, Windows

Languages:

C++, Java, python(Basic)

Frameworks:

Spring

Databases:

MySQL, MongoDB

Tools:

Git, IntelliJ IDEA, Atom

COURSEWORK

Data Structure
Algorithms
Object-Oriented Programming
Software Engineering
Operating System
Database Management Systems
Computer Networking

AWARDS

FFE Scholar
Dakshana Scholar

EXPERIENCE

Ezdi Solutions (India) LLP

Software Developer Intern

May 2019 – July 2019

Ahemdabad

Data migration of old MySQL database to MongoDB database.
Built a service which gives flag on adding rule to the system
which already exists in system.

PROJECTS

Reeb graph based segmentation of articulated components of 3D digital objects

Implemented an algorithm to segment articulated components of 3D object by utilizing its underlying Reeb graph.
In this context, different methods of voxelization of objects represented by triangular mesh was also explored

Relational Database for Indiatimes.com

Designed and implemented database management system using MySQL for Indiatimes.
Tested queries to facilitate major functionalities of Indiatimes.

Gang Scheduling Algorithm

Simulated gang Scheduling Algorithm for Job scheduling in multiprocessor system.
Implemented in C++ and modified the algorithm for limiting the no. of bypasses for a job.

EXTRA CURRICULAR

Runner of Intra school badminton championship.
NCC cadet, participated in march past and gun firing training.
Successfully completed 22km long Brahmatal (Frozen Glacial) trek.