

Muskan Agrawal

Computer Science and Engineering | IIT Jodhpur
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EDUCATION

IIT JODHPUR

B.TECH IN COMPUTER SCIENCE AND
ENGINEERING

2018-2022 | Jodhpur, India
CGPA 7.14/10 (Upto 4th Sem)

LITERA VALLEY ZEE SCHOOL

CBSE | CLASS 12

Patna, India
Percentage: 90.8

LITERA VALLEY ZEE SCHOOL

CLASS 10

Patna, India
CGPA : 10/10

SKILLS

LANGUAGES

Programming:

- C
- C++

Web Design:

- HTML
- CSS • Bootstrap

Familiar:

- Javascript
- MATLAB

DEVELOPMENT:

- NodeJS

Database:

- MongoDB (Using Mongoose)

Familiar:

- SQL

HOBBIES:

- Writing Poems
- Basketball

COURSEWORK

Object Oriented Analysis and Design
Software Engineering
Data Structures and Algorithms
Discrete Mathematics
Theory of Computation
Computer Organisation and Architecture
Probability and Statistics
Web-Development Course**

*Ongoing & **Online

PROJECTS

CONTROL LAPTOP MOUSE VIA ANDROID PHONE

Dr. Ravi Bhandari | IIT Jodhpur | OCT 2020 - Present

- User can control mouse movements of the laptop using his/her android phone's screen.
- Created server using python and client using java.
- Will be using android studio to develop a GUI.

ENHANCING & INPAINTING OF SURFACE DEFECT

Dr. Chiranjy Chattopadhyay | IIT Jodhpur | Feb 2020 - June 2020

- Used image processing tools to identify surface defect and enhance the captured images during manufacturing process.
- Used inpainting in MATLAB to join the curves on the surface.

PERSONAL BLOG

Self Project | [Link to Blog](#) | August-2020

- Created a web application to present self written poems.
- Used NodeJS to build it and heroku for deployment.
- Used MongoDB for database management.

FACE DETECTION SYSTEM

Dr. Rajlaxmi Chouhan | IIT Jodhpur | Aug 2019 - Nov 2019

- Learned and implemented basics of image processing including convolution, rgb to gray scale conversion using Python.
- Used Cascade Classifiers to detect faces.

INTERFACE FOR FREELANCING

Dr. Anand Mishra | IIT Jodhpur | Aug 2019 - Nov 2019

- An interface for freelancers and recruiters, for easy bidding and recruitment.
- Used C++ to build the interface.

LINKS

Github:// [muskanagrawal10](#)

LinkedIn:// [muskan-agrawal](#)

Email:// agrawal.9@iitj.ac.in

Personal Email:// muskanagrawal46@gmail.com

EXPERIENCE

- Practice and Compete on various competitive coding websites like Codechef, Hackerrank, Interviewbit etc.
- Represented IIT Jodhpur in the 53rd and 54th Inter-IIT Sports Meet held at IIT Guwahati and IIT Kharagpur respectively, as a member of Basketball team.
- Anchoring in Antarang, fashion show organised by IIT Jodhpur in IGNUS 2020.

EXTRACURRICULAR

- Received second prize in online poetry competition held by Literature Club of IIT Jodhpur.
- Conducted Literature Events at IGNUS 2019 & 2020.
- Been part of Creativity Team of IGNUS 2019
- Member of Literature Club of IIT Jodhpur.