

## Education

### B.Tech in Computer Science and Engineering

IIT Jodhpur  
CGPA : 6.94/10

### Higher Secondary (MPBSE)

Sardar Patel School - 2015  
Percentage : 87.4%

### Secondary (CBSE)

Jyoti Convent School - 2013  
CGPA : 10.0/10.0

## SKILLS

### Language

Proficient - C++  
Experience - Python, OpenCV

### Web Development

PHP  
MySQL  
HTML  
CSS

### Utilities

GitHub  
Linux  
Adobe XD

## Courses

### Computer Science Core

Data Structures and Algorithms  
Algorithm Design and Analysis\*  
Object Oriented Analysis and Design  
Software Engineering  
Discrete Mathematics  
Operating Systems\*  
Compiler Design\*  
Data Communication\*  
Computer Organisation and Architecture  
Theory Of Computation  
Digital Logic and Design

### Mathematics

Probability, Statistics and Random Processes  
Complex Analysis and Differential Equation  
Linear Algebra and Calculus

## Projects

### Grade Management System - C++

Dr. Chiranjoy Chattopadhyay | Jan 2018 - Apr 2018

Git Link : <https://github.com/khan0604/Grade-Management-System>

- Developed a grade management system for the students of IIT Jodhpur
- It was implemented in c++ using object oriented analysis and design
- Documentation, designing, coding, testing and improvement were important milestones in the project cycle

### Face Recognition - Python

Dr. Chiranjoy Chattopadhyay | Jan 2018 - Apr 2018

Git Link: <https://github.com/khan0604/Face-Recognition>

- Implemented research paper by Shiv Ram Dubey, Local Directional Relation Pattern for Unconstrained and Robust Face Retrieval, *arXiv: 1709.09518*, 2017
- Three datasets are used AT&T- 95.84% acc, FACE94-99.34 acc, FACE95-94.61 acc

### Social Network : 'IITIANS' - PHP

Self Project | May 2017 - July 2017

Git Link : <https://github.com/khan0604/IITians>

- Developed a social network using php for backend.
- A web forum to ask and answer questions along with a feed webpage to upload images, text and videos and a chat feature to text other users.

## Experience

### Open Source Contributor - Fossasia

PR Link : <https://github.com/fossasia/fossasia.org/pull/464>

- Fixed several issues in Fossasia.org repository
- Worked with people from different timezones

## Position of Responsibilities

### Student Counselling Service - Student Guide | 2017-18

- Mentored 9 freshmen students as a Student Guide for their smooth transitioning into college/hostel life
- Helped organise orientation programme for 180 freshmen

### Student Regatta - Hostel Cultural Secretary | 2017-18

- Organised Inter Hostel Cultural Fest SPANDAN
- Organised various events and workshops

## Extracurricular Activity

- Core member of Dance Club - Defeat the Beat under Student Cultural and Literary Society, IIT Jodhpur
- Represented IIT Jodhpur in Inter IIT Cultural Meet 2017