

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

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

SKILLS

Language

Proficient - C++
Experience - Python, OpenCV

Web Development

PHP
MySQL
HTML
CSS

Operating System

Mac OS
Linux
Windows

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, html, css, Mysql, phpmyadmin
- Developed a web forum to ask and answer questions along with a post webpage to upload images, text and videos and a chat version to text other users

Experience

Open Source Contributor - PHP

PR Link : <https://github.com/phpbb/phpbb/pull/5164>

- Fixed several issues in phpBB 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

- Member of dance club under Student Cultural and Literary Society, IIT Jodhpur
- Represented IIT Jodhpur in Inter IIT Cultural Meet 2017