Mahendra Singh Choudhary

JUNIOR | COMPUTER SCIENCE AND ENGINEERING | IIT JODHPUR
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EDUCATION

IIT JODHPUR
B. TECH. in COMPUTER SCIENCE AND ENGINEERING
CGPA: 6.67 [till SEM III]
CGPA: 6.61 [till SEM IV]
Expected: May 2022

VIS AHMEDABAD
HIGHER SECONDARY EDUCATION
Percentage: 92.4% | 2017
Central Board of Secondary Education

RPS MAKRANA
SECONDARY Education
CGPA: 9.4 / 10 | 2015
Central Board of Secondary Education

COURSEWORK

- Computer Programming
- Discrete Mathematics
- Data Structures & Algorithms
- Object Oriented Analysis & Design
- Software Engineering
- Theory of Computation
- Calculus and Linear Algebra
- Complex Analysis and Differential Equations
- Probability, Statistics and Random Processes

SKILLS

PROGRAMMING
Proficient:
- C++
- C

Familiar:
- Python
- Javascript

WEB DEVELOPMENT
- HTML
- CSS
- Bootstrap
- NodeJS

FRAMEWORKS
- React-native
- Django

OTHERS
- AWS • Git • Photoshop

PROJECTS

A CHATAPP WITH MESSAGE ORIGIN TRACING
Dr Sumit Kalra | IIT Jodhpur
B.TECH PROJECT | Jan 2020 - July2020
- Successfully developed a cross-platform mobile app - ChatApp, with features like End to End Encryption, token based authentication and hosted it using AWS EC2 instance
- Proposed and Implemented an approach to trace the origin of any given message, exchanged on the App
- Technologies used: React-Native, NodeJS, MySQL, Amazon Web services(AWS), Socket.IO and Python

IITJ HEALTH CENTER MANAGEMENT SYSTEM
Under the guidance of Dr. Anand Mishra
Course Project OOAD | Sept 2019 – Dec 2019
- Proposed an approach to automize the functioning of Primary Health Center, IITJ, which aimed at minimizing the unnecessary physical interaction and preventing delay in necessary formalities
- Implemented c++ program to facilitate smooth interaction between various stakeholders in regards to IITJ Health Center

LINKS

Codechef:	mahendra2890
Codeforces:	mahendra_2890
HackerRank:	choudhary_8
GitHub:	mahendra2890
LinkedIn:	mahendra2890

ACHIEVEMENTS

- Secured a JEE Advanced 2018 All India Rank (AIR)**2890**, among the shortlisted 2 lakh (approximately) candidates
- Secured a JEE Main 2018 All India Rank (AIR) **3744**, among around 1 million candidates
- Achieved a maximum of **4 star** rating(mahendra2890) on codechef
- Secured A **Global Rank of 137** in the CodeChef January COOKOFF Challenge(COOK114B)
- Secured A **Global Rank of 271** in the CodeChef January Long Challenge(JAN20B)

EXTRA-CURRICULAR

- Coordinated IdeaSpark(Annual Entreprenurial Fest IITJ) 2019 events
- Represented IITJ, as a member of Institute VolleyBall team, at InterIIT Sports Meet 2019
- An Active Member(2018-2019 session) of Entrepreneurship Cell, Photography Club, Framex, Rotaract Club and Social Services Club
- An Active Member of Media and Publicity team, IGNUS 2019
- An active member of Designing and Creativity team, Spandan 2019

HOBBIES

Sports Programming
Cricket, Volleyball, Badminton