

# Harsh Anand

Computer Science and Engg. | IIT Jodhpur  
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## EDUCATION

### IIT JODHPUR

B.TECH IN COMPUTER SCIENCE  
2018-2022\*  
Cum. GPA: 8.35 / 10 [Till Sem-4]

### D.A.V. PUBLIC SCHOOL

Grad. April 2018 | Kurukshetra, India  
XII: 82.8 Percent  
X CGPA: 10 / 10

## SKILLS

### LANGUAGES

- C++ • Python • C • Golang
- JavaScript • HTML • CSS • Shell
- Latex • Matlab • MySQL

### WEB

- Django (Python) • MySQL
- PostgreSQL • REST • Bootstrap

### OTHER SKILLS




- Competitive Programming
- Machine Learning
- Git
- Azure Cloud Services
- Blockchain
- Public Speaking

## COURSEWORK



### UNDERGRADUATE

Object Oriented Analysis and Design  
Data Structure and Algorithms  
Software Development  
Discrete Mathematics  
Complex No. and Differential Equations  
Computer Architecture  
Linear Algebra  
Theory Of Computation

## LINKS

Github:// [harsh-not-haarsh](#)   
LinkedIn:// [harsh1429](#)   
Codeforces:// [harsh\\_not\\_haarsh](#) 

## ACTIVITIES

- Vice-Captain: Literature Club, IITJ
- Core Member: Programming Club, IITJ
- Student Guide: Counselling Service, IITJ
- Head of WebD: Varchas, Sports fest IITJ 
- Head of WebD: Aaftaab, Lit. fest IITJ 


## EXPERIENCE

### GREEDY GAME | SUMMER INTERNSHIP

April 2020 – July 2020 | Golang

- Successfully developed a micro-service to detect anomalies in advertisement data using self developed statistical model in Golang
- Developed a recommendation system to list-out the possible causes of anomaly
- Developed a service GGStats to provide valuable statistical insight on App parameters. Successfully scraped about 2 million apps from google playstore.


### OPEN SOURCE CONTRIBUTION | GITHUB

- Contributed to various open-source repositories, merged PRs
- Managing multiple open-source projects under @devlup-labs 

## PROJECTS

### HOSPITAL MANAGEMENT SYSTEM | HEALTH CENTER IIT JODHPUR

Django, HTML, CSS, JS | Mentor: Dr. Anand Mishra | Btech. Project

- Developed a website for Health Center of IITJ that enables online appointment.
- The website also features a portal for doctors to give e-prescription.
- Several other features such as maintaining an encrypted medical database, displaying health blogs by doctors, telemedicine etc are also present.
- Website: [hc.iitj.ac.in](#) 

### ASSISTED-DRIVING CAR | SEMI AUTONOMOUS CAR

Python, OpenCV, MaskRCNN | Github 

- Implemented NVIDIA's End to End deep learning paper in python
- Determining drivers' inactivity by driver's sight using a self-developed model
- Implemented Mask RCNN to detect cars and other objects.

### VARCHAS | SPORTS FEST'S WEBSITE

Django, HTML, CSS, JS | Github 


- Full-stack developer: Writing and reviewing the code for a django backed website with bootstrap and JS.
- The website facilitates team formation, sport specific user registration, real-time score update, match details with teams involved.

### AUTHENTICATION MODULE | COURSE PROJECT


NodeJs, OAuth | Mentor: Dr. Suman Kundu | Github 

- Developed a module with NodeJS that facilitates user login and registration
- All Web Services of IITJ can use the module to enable the user log in securely using their LDAP

## ACHIEVEMENTS

2020 **TechFest, IITJ** Got Second Position for developing secure medical database  
2019 **ICPC** Got **Honorable Mention**, rank 127 at **ICPC Amritapuri Regionals**   
2019 **TechFest, IITJ** Won for developing a wearable gaming console  
2018 **JEE-18** Qualified in the top 0.2% of JEE-18, among 1.3 million students  
2017 **KVPY** Scholar Kishore Vigyanik Protsahan Yojna (KVPY) SX Scholar  
2017 **NSTSE** Got AIR 72 (of 90K) in National Science Talent Search Exam

## EXTRACURRICULARS

- Mentor @devlup-labs 
- Conducted several programming sessions on C++ at IIT Jodhpur
- Represented IITJ in Parliamentary Debates at Inter IIT Cultural meet
- Represented IIT Jodhpur in Several Model United Nation Conferences