

# Harsh Anand

Computer Science and Engg. | IIT Jodhpur  
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## EDUCATION

### IIT JODHPUR

B.TECH IN COMPUTER SCIENCE

2018-2022

Cum. GPA: 8.5 / 10

### D.A.V. PUBLIC SCHOOL

Grad. April 2018 | Kurukshetra, India

XII: 82.8 Percent

X CGPA: 10 / 10

## SKILLS

### LANGUAGES

- C++ • Python • C • Golang • C#
- JavaScript • HTML • CSS • Shell
- Tex • Matlab

### WEB

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

### OTHER SKILLS

- Competitive Programming
- Machine Learning
- Internet of Things (IoT)
- Git and Tools
- 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:// [hrshAnand](#)

LinkedIn:// [hrshAnand](#)

Codeforces:// [harsh\\_not\\_haarsh](#)

## ACTIVITIES

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

## EXPERIENCE

### DIMENSIONED | Co-FOUNDER AND CTO

July 2021 – May 2022

- Created a highly scale-able android app to view educational content in augmented reality and 3D
- Created tools for teachers and students to collaborate over 3D in realtime.
- Created automated solutions to generate 3D models like chemAR.
- Managed and led a small team of devs to create customer solutions.
- Website, Playstore Link, WebApp

### CODENATION (TRILOGY) | SUMMER INTERNSHIP

May 2021 – July 2021

- Deployed a workflow to create cloud deployables from Swagger (OpenAPI).
- Created a mini-proxy that runs inside an AWS lambda to facilitate cloud deployment of actions.
- Was offered **Pre-Placement Offer (PPO)** based on exceptional performance during the internship.

### GREEDY GAME | SUMMER INTERNSHIP

April 2020 – July 2020

- 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

### OPEN SOURCE CONTRIBUTION | GITHUB

- Managing multiple open-source projects under @devlup-labs

## PROJECTS

### BLOCKCHAIN TRUST INTEROPERABILITY | MAKING DIFFERENT TRUST CHAINS COMPATIBLE

- Developed a model of how trust can be interoperable between different blockchains using Trust-Transfer-Modules.

### HOSPITAL MANAGEMENT SYSTEM | HEALTH CENTER IIT JODHPUR

- Developed a portal for Health Center of IITJ that enables online appointment.
- Enables features like e-prescription, encrypted medical database etc

### ASSISTED-DRIVING CAR | SEMI AUTONOMOUS CAR

- Implemented NVIDIA's End to End deep learning over Mask RCNN for better driving prediction
- Determining drivers' inactivity by driver's sight using a self-developed model

## ACHIEVEMENTS

2019 ICPC got **Honorable Mention**, rank 127 ICPC Amritapuri Regionals

2017 KVPY Scholar Kishore Vigyanik Protsahan Yojna (KVPY) SX Scholar

2017 NSTSE Got AIR 76 (of 90K) in National Science Talent Search Exam

2019 TechFest, IITJ Won for developing a wearable gaming console

## 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