Harsh Anand

Computer Science and Engg. | IIT Jodhpur
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EDUCATION

IIT JODHPUR
B.Tech in Computer Science
2018-2022*
Cum. GPA: 8.4 / 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

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 | 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

OPEN SOURCE CONTRIBUTION | Github ⬈
- Managing multiple open-source projects under @devlup-labs ⬈

PROJECTS

ARED | Augmented Reality in Education
Flutter, ARCore, Blender
- Developed a highly scalable augmented reality app for educational models in AR
- Working on implementing "Multiplayer AR" in the app.
- Playstore Link ⬈

HOSPITAL MANAGEMENT SYSTEM | Health Center IIT Jodhpur
Django, HTML, CSS, JS | Mentor: Dr. Anand Mishra | Btech. Project
- Developed a portal 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.

ASSISTED-DRIVING CAR | Semi Autonomous Car
Python, OpenCV, MaskRCNN | Github ⬈
- Implemented NVIDIAs 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.

AUTHENTICATION MODULE | Course Project
NodeJs, OAuth | Mentor: Dr. Suman Kundu | Github ⬈
- Developed a module with NodeJS that facilitates user login and registration using LDAP.

ACHIEVEMENTS

2019 **ICPC** Got **Honorable Mention**, rank 127 at **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 serveral 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