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 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:// **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
• WebD Head: 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 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.

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 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