

Tarun Tomar

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EXPERIENCE

ADOBE | PRODUCT INTERN

- Explored the possibilities of using emerging technologies in adobe's products.
- Ideated and prototyped machine learning based approaches to increase the tool's assistance in user's creative journey on adobe express.

ASTU | SOFTWARE DEVELOPER

Nov 2020 – Jul 2021 | Online

- Designed and Developed a completely anonymous and secure end to end encrypted chat platform that has helped 500+ users in dealing with their mental health problems.
- Used MERN stack for development.

PROJECTS

KA-CHING (Razorpay FTX Hackathon 1st Prize winner)

Devfolio || React | Nodejs | MongoDB | GCP

- 'Ka-ching' is the one-stop-shop to generate fundings for all your open-source projects. .
- The workflow of GitHub PRs and Razorpay Payments were merged to ease the life of a developer who is seeking a donation on his/her projects.

INVENTORY MANAGEMENT SYSTEM

GitHub || GO | React | Postgres

- Created an online platform that manages inventory for all the clubs of IITJ, allowing clubs to keep track of items and the budget all at one place.

IMPLEMENTING ML ALGORITHMS FROM SCRATCH

GitHub || Numpy | Pickle | Math

- Worked on and maintained an Open Source Repository having the implementation of various machine learning algorithms ranging from simple ones like Linear Regression, Decision Trees, K-Mean clustering to a complete sequential Neural Network.

SELF DRIVING CAR USING KERAS

GitHub || Keras | Numpy | Sklearn

- Implemented NVIDIA's end to end deep learning paper in python.
- Trained and tested the model on several virtual environments successfully.

ACHIEVEMENTS

2020 1st Position Razorpay ftx-hackathon (National hackathon)

2020 2nd Position Software Hackathon, Techfest, IITJ

2020 1st Position Hardware Hackathon, Techfest, IITJ

EXTRACURRICULARS

- Coordinator for machine learning group of Robotics Society at IITJ.
- Coordinator for Development group of programming club at IITJ.

EDUCATION

IIT JODHPUR

BTECH IN COMPUTER SCIENCE

Expected April 2023

Cum. GPA: 7.85 / 10.0

KIDDY'S CORNER SCHOOL

11TH AND 12TH CLASS

XII: 93.2 Percentage

SKILLS

PROGRAMMING

3+ years:

- Python
- JavaScript
- C and C++
- Golang
- CSS/HTML

TECHNOLOGY

- Node
- React Native
- React JS
- Django
- Pytorch
- Postgres
- Github
- AWS EC2

COURSEWORK

UNDERGRADUATE

Pattern Recognition and Machine Learning

Object Oriented Analysis and Design

Data Structure and Algorithms

Software Engineering Development

Linear Algebra

Human Machine Interaction

LINKS

GitHub:// [TarunTomar122](#)

LinkedIn:// [TarunTomar](#)

Portfolio:// [tomar.4](#)

Codeforces:// [TarunTomar122](#)