

# Divyam Choudhary

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## OBJECTIVE

As a graduate student looking for a role in Artificial Intelligence and Data Science, I aim to apply my expertise in Computer Vision, NLP, and related technologies to drive innovation and deliver impactful solutions. I seek opportunities where I can leverage my skills to contribute meaningfully to the advancement of AI and Data Science.

## EDUCATION

### IIIT-BANGALORE

MS RESEARCH, DS/AI

JULY 2025 | BAGNALORE, INDIA

**GPA: 3.66/4.0**

### THAKUR COLLEGE OF ENGINEERING AND TECHNOLOGY

B.E. IN INFORMATION TECHNOLOGY

MAY 2021 | MUMBAI, INDIA

**GPA: 8.83/10.0**

### PACE Jr. SCIENCE COLLEGE

SENIOR SECONDARY (XII) (HSC BOARD)

2017 | MUMBAI, INDIA

**PERCENTAGE: 84.62**

### THAKUR VIDYA MANDIR HIGH SCHOOL

SECONDARY (X) (SSC BOARD)

2015 | MUMBAI, INDIA

**PERCENTAGE: 94.62**

## CERTIFICATIONS

Neural Networks and Deep Learning

**Coursera Credential ID: FGJLDTPMWYER**

Improving Deep Neural Networks

**Coursera Credential ID: GLVQNVKVY7DB**

Design Thinking

**Binghamton University**

Fundamentals of Deep Learning for Computer Vision

**NVIDIA**

## RELEVANT COURSEWORK

- Maths for ML
- Optimization
- Vision Recognition
- ML Production Engineering
- Computer Graphics

## EXPERIENCE

### EDUFIED | MEAN STACK AND DEVOPS INTERN

MARCH 2021 - AUGUST 2021

- Developed reusable, modular UI components using best practices in Angular.
- Worked on multiple products by reporting and clearing bugs, implementing new features and enhancing the existing ones, resulting in enhanced efficiency of the team by 10%.
- Developed API for message forwarding from web application to MS teams via AWS lambda, improving customer satisfaction in queries by 30%.
- Contributed to the technical discussions for implementing new features and optimization of the current system.
- Contributed to team discussion providing process oriented solutions for better team productivity.

### NVIDIA GRAPHICS PVT. LTD | SOFTWARE DEVELOPMENT IN DEEP LEARNING INTERN

DECEMBER 2019 - JANUARY 2020 | BENGALURU, INDIA

- I was responsible for the Data Loading part for the XLNet model for the Megatron-LM framework. I had to understand how the existing models - BERT and GPT-2 worked, integrated and write workable code for XLNet.

### NVIDIA GRAPHICS PVT. LTD | MACHINE LEARNING INTERN

JUNE 2019 - JULY 2019 | BENGALURU, INDIA

- I had to study Machine Learning algorithms, customize them for GPUs using RAPIDS, report bugs and workarounds to achieve substantial acceleration.
- Documented bug report discussions with lead developers on Github increasing transparency in the process.

## PROJECTS/HACKATHONS

### PWA BASED ROUTE RECOMMENDER (Undergraduate thesis)

DECEMBER 2020 - APRIL 2021 | MUMBAI, INDIA

- Worked with **Sanya Gandhi** and **Abhishek Gupta** to create **RouteIT**, a random jogging route generator by using Google Maps API and immersive Virtual Reality as a Progressive Web Application(PWA).

- Infrastructure Security
- Cyber Security Laws

## ACADEMIC INTERESTS

- Synthetic Media Generation for Human Faces, Visual Face Dubbing, Face Anonymization

## ACHIEVEMENTS

### GATE-2022 CSIT QUALIFIED

**AIR: 3112 SCORE: 499**

Smart India Hackathon-2019  
Winner

**MARCH 2019 | IIT KANPUR**

TryHACKME CTFs

**Level 8 | In Top 3% worldwide**

## SKILLS

### PROGRAMMING

Frameworks

Pytorch • Tensorflow

Proficient

NodeJS • JavaScript • TypeScript •

Angular • HTML/CSS • Python •

Django • C/C++ • MySQL • Linux • PHP •

LARAVEL

Familiar

Docker • MongoDB • AWS • Android

- My contribution: I was responsible for developing the routing algorithm via Google Maps API to give us the random jogging route. I was also responsible for the overall UI of the application.

### Epaper Application

APRIL 2020 | MUMBAI, INDIA

- I created a web app that by-passes a paywall for users to download Epaper for free. App is built on Django, hosted on Heroku. [Link](#)
- This increased paper reading by users during lockdown by 60%.

### Deep Blue Hackathon 2020 Semi-Finalist

FEBRUARY 2020 | MUMBAI, INDIA

- We created a system for hospitals to monitor wait time of patients and to let the patients know their queue wait time to limit overcrowding in hospitals.
- My contribution: I was responsible for making a crowd density identifier using computer vision.

### Startup Ignitor (SIH-2019)

MARCH 2019 | IIT KANPUR

- Led the team to create a web portal for startups and Government mentors to create an easy link between the two.
- My Contribution: I was responsible for the database design for the project. Also, I was entrusted to create the logo for our portal.

## PUBLICATIONS

[1] A. Ladukar, A. Maduskar, D. Choudhary and Dr. R. Bansode. 'Evolution to Sustenance of Information Technology Academic Curriculum to Adhere to Industry Practices', *IC-ICN 2020 Proceedings*, ISBN: 978-1-7329562-6-1.

[2] D. Choudhary, A. Gupta, S. Gandhi and S. Chauhan. 'An IOT based Smart Medical Box', *IC-ICN 2020 Proceedings*, ISBN: 978-1-7329562-6-1.

## POSITION OF RESPONSIBILITIES/ EXTRACURRICULAR

- Co-founder, Astronomy Club IIIT-Bangalore.
- Web Chair, 15th ICVGIP, 2024, IIIT-Bangalore.
- Student Volunteer, 22nd CODS-COMAD - IIIT-Bangalore.
- Student Volunteer, 22nd International Conference on Multimodal Interaction. 2022 - IIIT-Bangalore.
- Class Representative, IT A (2017-2021).
- Board of Studies, IT Department Student Member (2019-2021).
- Chief Editor of Ezine Magazine (Technical Magazine of IT Department) (2018-2019).
- Webmaster at ACM-TCET Students Chapter (2018-2019).
- Departmental Rank 3 in Activity Based Learning (Beyond Curriculum and Extension Activities) (2018-2019).
- Chief Organizer, Zephyr Technical Fest 2018, TCET.

## REFERENCES

- Available on Request