

UTKARSH TRIPATHI

3rd Year CSE Undergraduate

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Fatehpur, Uttar Pradesh, India

EDUCATION

B.Tech in Computer Science

IET Lucknow

July 2019 – Present

CGPA - 8.26/10.0 (Upto 2nd Sem)

Patel Inter College (Class XII UP-Board)

Fatehpur , Uttar Pradesh

July 2016 – May 2018

Percentage - 85.0%

PROJECTS

Contest Reminder

June 2019

- Created a web application using PHP as Back-end, which notifies about upcoming coding contests on various coding platforms like Codechef and Codeforces.

Hand-Written Digit Recognition

May 2019

- Developed a Convolutional Neural Network(CNN) model to predict hand written digits on classic MNIST dataset.

Fuel Efficiency Prediction for Automobiles

May 2019

- Used Multi-variate regression on the classic Auto MPG Dataset for predicting the fuel efficiency of various automobiles.

Web Development

Dec 2018

- As a core head of development team of a socio cultural fest, developed and handled numerous websites for fest.
- Major accomplishments includes Kryptex, the online puzzle game which provides an individual a platform to harness their mental skills.

Object Detection (Research Project)

Feb 2019-Apr 2019

- Worked under the guidance of Ph.D Scholar, object Detection, my work was to stitch the track-lets generated by object tracker "yolo deepsort" to detect number of objects passing through frame in real time.

FIELDS OF INTEREST

- Competitive Coding
- Web Development
- UI/UX Designing

SKILLS

C++

C

HTML5

CSS3

JavaScript

Bootstrap

GIT

AJAX

DOM

Data Structure

ACHIEVEMENTS

- Codechef Rating – 1717(Max)
- Codeforces Rating – 1371(Max)
- Secured Global Rank 158 among 10,745 participants in May Codechef Starters 2021
- Secured Global Rank 816 among 5,766 participants in October LunchTime 2021
- Secured Global Rank 1734 among 18,543 participants in Codeforces Round 692
- Secured AIR 590 among 1,66,264 participants in UPSEEE 2019
- Among Top 5 District Toppers in 10th

COURSEWORK

- Programming for Problem Solving
- Data Structure
- Operating Systems (ongoing)
- Theory of Automata and Formal Language (Ongoing)
- Microprocessors(Ongoing)

EXTRA-CURRICULAR

Core Member

Fractal - Coding Club Of The Institute

Aug 2019 – present

Teacher/Volunteer

Parmarth - Social Club Of The Institute

Oct 2019 – present