

Ishdutt Trivedi

A 3rd Year Undergraduate from IIIT Trichy
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EDUCATION

IIIT TRICHY

B-TECH IN COMPUTER SCIENCE
Expected 2021 | Trichy, Tamil Nadu
Cum. GPA: 8.68

VIDYA NIKETAN

CLASS 12TH SCIENCE
CBSE Board | 90.6%

KV BAILEY ROAD

CLASS 10TH
CBSE Board | 10.0 CGPA

CONTACT LINKS

Github: [ishdutt](#)

LinkedIn: [ishdutt-trivedi](#)

COURSEWORK

DBMS
Cloud Computing
Compiler Design
Machine Learning
Operating Systems
Software Engineering
Algorithms and Data Structures

TECHNICAL SKILLS

Languages

C • C++ • Python • JavaScript
Java • ShellScript • SQL

Technologies

NodeJs • Flask • ReactJs • Express
React Native • Redux • MySQL
MongoDB • jQuery

Platform

Linux(Ubuntu, Red Hat Linux)
• Windows

INTERESTS

Competitive Coding
Machine Learning
Solving Puzzles

EXPERIENCE

IIT PATNA | SUMMER INTERN

May 2020 – August 2020 (Present) | Remote

- Worked in the **SPWICOM** research group, IIT Patna under **Dr. Sudhan Majhi** on Machine Learning.
- Developed a novel architecture for constructing **Scientific Knowledge Graph** using BERT. Achieved an **accuracy increase** of **3.6%** than the current models.

NIT TRICHY | RESEARCH INTERN

Feb 2020 – May 2020 | Trichy, Tamil Nadu

- Conducted research on Recommender System and using **Recurrent Neural Network (LSTM)** under **Dr. A. Santhana Vijayan**, Dept of CSE, NIT Trichy.
- Worked on Text similarity of blogs using **BERT embeddings** to achieve a good accuracy for solving the problem.

BELLURBIS TECHNOLOGIES | SOFTWARE DEVELOPMENT INTERN

Nov 2018 - Jan 2019 | Gurgoan, Haryana

- Worked on the frontend of a shopping website, Backend of a study app and developed a real time chatting app.
- Used **NodeJS**, **CroppieJS**, **SpringBoot**, **Socket.io** and Bootstrap for these task.

PUBLICATIONS

- **Ishdutt**, Gulzar, Ayush, Deepak, Amrutha, Santhanavijayan A and Gerard Deepak, "TriNNOnto: A Novel Strategic Approach for Automatic Speech Processing based on Triune Ontology and Adaptive Tribonacci Deep Neural Networks" under Review in **Annals of Telecommunications** Journal, **Springer**

PROJECTS

OBJECT TRANSLATOR Computer Vision, NLP, Deep Learning, Web Dev

- A Web App which take the pic of any object, identifies it and then translates it into other languages
- Used **Flask** for backend, **Resnet-152** for object classification and **Word2Word** dataset for translation

RESTAURANT WEB APP Web Development

- A **Full stack, CRUD** web application where customers can rate their favourite dishes, comment and rate it and supports 2 levels of Users.
- It is based on **MongoDB**, **Express**, **ReactJs**, **NodeJs (MERN)** stack with **Redux** to support the **state management** in React.

YELPCAMP Web Development

- A Web App which provides users access to add photos and comment on other's photos.
- Uses **NodeJs**, **MongoDB**, **ExpressJS** and Front end technologies.

ACHIEVEMENTS

1. Active Contributor to Open Source including libraries like **Tensorflow**, **Isochrones**
2. Active member in Competitive coding websites like and **HackerRank** **CodeChef**.