

Harsh Yadav

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Profile

Want to gain experience in my domain and apply the knowledge obtained in order to achieve excellence and provide Effective progress and growth to the I.T.Industry.

ACADEMIC BACKGROUND

Year(s)	Qualification - Degree / Diploma / Certificate	Board/University	College / Institute/ University	Percentage / CGPA
2017-2021	B. Tech-Computer Science	UNIVERSITY OF PETROLEUM AND ENERGY STUDIES	UPES DEHRADUN	6.89
2016	XII	Board of high school And intermediate U.P	BSSICS Pur Ninaya Kanpur Dehat	78%
2014	X	C.B.S.E	Kendriya Vidyalay Mati Akbarpur	8.0

TRAININGS & PROJECTS UNDERTAKEN

Institution: SL Cider Technologies (Software Engineer Trainee) **Duration:** Jul 2020 – Ongoing
Mentor: Mr Shobit Gupta
Description: The work is based on backend development. In this i have to perform many tasks and also working in different task, almost all are from Machine Learning and Deep Learning concepts like Computer Vision, Tensorflow and Pytorch. We have to give 3-4 hours per day, 5 days a week.

Institution: BlitzJobs (Data Analyst Intern) **Duration:** May' 2020 – Jun' 2020
Mentor: Ms Sweta singh
Description: This internship required knowledge on advanced analytics areas like deep learning and complex statistical data analysis, develop analysis, forecasting and optimization methods/models to provide the business solution to the clients. We have to give 8-9 hours per day, 6 days a week. The work included task assigned by team lead which was to be completed in a given timeline and were checked by a tester and discussed daily over the scrum call.

MAJOR Project I **Duration:** Aug' 2020 – Ongoing
Project Title: Voice Based Speech Recognition System
Mentor: Mr Anil Kumar
Description: Project was based on Python language and it's divide in stages; start by converting the voice, into a consistent form in order to extract the relevant features. Then, the relevant features are selected as inputs for building a classifier model for recognizing of a human voice. In addition, a DL model is being built to automatically extract useful features and feed them into a fully connected artificial neural network (ANN) for classification (Classification techniques : Voice Preprocessing, A/D Signal Conversion, Fast Fourier Transform (FFT) etc). This technique is used to find/check person through voice and it is also useful for security as well as other purposes.

MINOR Project II**Duration:** Jan' 2020 – Apr' 2020**Project Title:** Surveillance System to Check Abnormal Activity**Mentor:** Mr Anil Kumar**Description:** Project was based on Python language in CSRNet Model using ShangaiTech Dataset. Detection of Abnormality using deep learning, it is a technique of counting the number of people in a scene or image and it is also useful for security as well as other purposes.**MINOR Project I****Duration:** Aug' 2019 – Nov' 2019**Project Title:** Basic Neural Network Model to Predict Diabetes Using National Institute of Diabetes Dataset**Mentor:** Mr Anil Kumar**Description:** Project was based on C language and to develop a model which predicts whether a patient has diabetes or not. Using Feed forward neural networks are primarily used for supervised learning in cases where the data to be learned is neither sequential nor time dependent.**Institution:** UPES**Duration:** Nov' 2019 – Dec' 2019**Project Title:** Face Detection/Recognition and also check movement of the person**Mentor:** Mr Anil Kumar**Description:** Project was based on Python language using Haar Cascade, OpenCV, Numpy and repositories on GitHub. In any Video or live Camera recording they can capture complete face, eyes, smile and also check body is movement or not.**Institution:** UPES E-CELL (Venture Idea)**Duration:** Sep' 2019 – Nov' 2019**Title:** Revenue Generator (propose a model to introduce for how to increase's a tax payer)**Mentor:** Mr. Gunjan Chhabra**Description:** In our Country there are very less number of people who are paying tax, with the help of our venture we will be helping government to increase tax payers and hence our venture will contribute to the development of country.**SKILLS (Professional & Technical)**

- **IDE's Used** : Pycharm, Anaconda - Jupyter Notebook, Spyder.
- **Languages** : C, JAVA, PYTHON.
- **Operating Systems** : Linux - Ubuntu, Kali, Windows.
- **Technology** : Google-Colab, Django.
- **Deep Learning** : Tensorflow, Keras, Pytorch, ANN, CNN.

Awards/Certifications

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|---|-------------------------|
| ✓ NPTEL Certification on Tensorflow | Issued: Dec/19 |
| ✓ Certified Ethical Hacker (EC-COUNCIL) Certificate | Issued: Feb/20 |
| ✓ Professional Certificate IBM Applied AI | Issued: April/20 |
| ✓ Arctic Code Vault Contributor (GITHUB : Batch) | Issued: June/20 |

Personal Details

- **Date of Birth :** 4th May 1998
- **Father's Name:** Mr. Krishna Swaroop
- **Mother's Name:** Ms. Suman
- **Gender:** Male
- **Nationality:** Indian
- **Permanent Address:** Akbarpur kanpur dehat (Uttar Pradesh)

I declare that the details above are correct and true to the best of my knowledge.

Harsh Yadav