Shaurya Sinha

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Ranchi, Bangalore

EDUCATION

Bachelor of Technology (B.Tech), Computer Science & Engineering (2018 - 2022)

Birla Institute Of Technology, Mesra
CGPA : 8.50/10

XII (Senior Secondary), Science

Year of Completion: 2018
CBSE Board (Kokilaben Dhirubhai Ambani Vidhyamandir , Jamnagar)
Percentage : 97.30%

X (Secondary)

Year of Completion: 2016
CBSE Board (Kokilaben Dhirubhai Ambani Vidhyamandir , Jamnagar)
CGPA : 10.00/10

INTERNSHIPS

Research Intern

Stir Research (Virtual)
Feb 2020 - Present

Stir Research works on collaborative research projects on Friction Stir Welding process and Artificial Intelligence. Carrying out research projects based on artificial neural networks .

POSITIONS OF RESPONSIBILITY

- School headboy in 2017-18 for KDAV , jamnagar

TRAININGS

Browser-based Models With TensorFlow.js

Coursera (Online)
Jan 2020 - Present

Deployment of machine learning and deep learning projects on the web using tensorflow.js

Machine Learning

Coursera (Online)

Aug 2019 - Dec 2019

https://www.coursera.org/account/accomplishments/certificate/3NAL9FR77FWQ

Sequence Models

Coursera (Online)

Jul 2019 - Oct 2019

https://www.coursera.org/account/accomplishments/certificate/JRRS3CDDV2MC

Convolutional Neural Networks

Coursera (Online)

Jul 2019 - Oct 2019

https://www.coursera.org/account/accomplishments/certificate/RYVKD8DX9PLE

Structuring Machine Learning Projects

Coursera (Online)

Jul 2019 - Oct 2019

https://www.coursera.org/account/accomplishments/certificate/BZ7PX2L9JHUT

Improving Deep Neural Networks: Hyperparameter Tuning , Regularisation And Optimization

Coursera (Online)

Jul 2019 - Oct 2019

https://www.coursera.org/account/accomplishments/certificate/N955JSBZU43R

Neural Networks And Deep Learning

Coursera (Online)

Jul 2019 - Oct 2019

https://www.coursera.org/account/accomplishments/certificate/2P944Q2R2X9C

Deep Learning Specialization

Deeplearning.ai (Online)

Jun 2019 - Oct 2019

https://www.coursera.org/account/accomplishments/specialization/41116283~Specializat

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PROJECTS

Mnist number recognition web site

Jan 2020 - Feb 2020

https://shauryabit2k18.github.io/mnist/

MNIST trained and deployed online

Object detection website

Jan 2020 - Jan 2020

https://shauryabit2k18.github.io/cocossd/

Using coco dataset and tensorflow js to deploy this object detection of more than 1000 objects on the web

Machine learning algorithms from scratch

Jul 2019 - Sep 2019

https://github.com/shauryabit2k18/MACHINE_LEARNING

All the important Machine learning algos implementation from scratch

Super resolution

Aug 2019 - Sep 2019

https://github.com/shauryabit2k18/GAN-s-for-ART

Implementation of enhanced SRGANS using pytorch.

Deeplearning by deeplearning.ai

May 2019 - Aug 2019

https://github.com/shauryabit2k18/deeplearning.ai

Deeplearning.ai course on coursera completed

Deeplearning by udacity

Jun 2019 - Jul 2019

https://github.com/shauryabit2k18/deep_learning_udacity

Deeplearning using keras and tensorflow

GAN-s-for-ART

Jun 2019 - Jul 2019

https://github.com/shauryabit2k18/super-resolution

Generating mnost dataset using GANS.

Dog breed classification

May 2019 - Jun 2019

https://github.com/shauryabit2k18/dog_breed_classifier

Classification of dag based on their breed using computer vision

Flower detection using transfer learning

May 2019 - Jun 2019

https://github.com/shauryabit2k18/flower_detection_Transfer_learningVGG16

detection of 5 types flowers in a picture, where the model is trained using Transfer-Learning on pre-trained VGG-16 architecture

Udacity artificial intelligence course

Dec 2019 - Present

https://github.com/shauryabit2k18/udacity_artificial_intelligence

Implementation of diffrent artificial intelligence models and concepts

Tensorflow.js

Dec 2019 - Present

https://github.com/shauryabit2k18/mldeploy

Deployment of machine learning on the web

SKILLS

Python	Image Processing
Advanced	Advanced

Machine Learning	OpenCV
Advanced	Intermediate

Computer Vision	SQL
Intermediate	Intermediate

Deep Learning	JavaScript
Intermediate	Intermediate

ReactJS	HTML
Beginner	Advanced

CSS	Sass
Intermediate	Intermediate

Java	C++ Programming
Intermediate	Intermediate

WORK SAMPLES

GitHub Profile:

https://github.com/shauryabit2k18

Other Portfolio Link:

https://github.com/ShauryaSinhaML

ADDITIONAL DETAILS

- Secured 8000 rank out of 14lakh people who attempted jee mains