Tushar Dhyani

DEEP LEARNING · DATA SCIENCE · CINEMATOGRAPHY · GRAPHIC DESIGN

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Work Experience

Genietalk. *Indore, Madhya Pradesh, India*

DATA SCIENCE INTERN *July. 2018 - PRESENT*

- Understanding the basis of Machine comprehension and the underlying technologies.
- Built a Deep learning models for language classification of English typed languages.
- Automated information extraction using BeautifulSoup and Selenium.

Education & Specialization

Madhav Institute of Technology & Science *Gwalior, Madhya Pradesh, India*

B.E. IN INFORMATION TECHNOLOGY *June. 2014 - June. 2018*

- Coursework: Database Design, Data structures, Artificial Intelligence, Neural Networks, Algorithms, OOPS etc. .

Deeplearning.ai & Coursera

DEEP LEARNING SPECIALIZATION *Jan. 2018 - Oct. 2018*

- Coursework: Neural Networks & Deep Learning, Project Structuring, Convolutional Neural Networks, Sequence Models.

Skills

Technology: Data Science, Deep Learning, Computer Vision.

Programming Languages: Python3, C, C++ , Javascript, Dart.

Honors & Awards

2017	**Pre-World-Finalists**, ACM - International Collegiate Programming Contest		*IIT-Kharagpur, India*
2017	**Qualifier**, Google CodeJAM, Facebook HackerCup, Codechef Snackdown		*Gwalior, M.P, India*

Projects

Siam Ease *Indore, M.P, India*

SIGNATURE RECOGNITION *Nov 2018*

- Applied one-shot learning to create signature recognition to identify real and fraud signature.

Query localizer *Indore, M.P, India*

CLASSIFYING LANGUAGES FOR ENGLISH TYPED LANGUAGE. *Aug 2018*

- Created vocabulary for classifying languages and created word embeddings using Gensim using self extracted datasets.
- Packaged the classifier for classification of Hinglish and English.

Numlyser *Gwalior, M.P, India*

CLASSIFICATION ON MNIST DATASET ON KAGGLE. *July 2017*

- Achieved 99.1% classification accuracy using various techniques bringing me to top 34% on leaderboard.
- Implemented AlexNet architecture in Keras with Batch Normalization.
- Tried self trained outputs to improve the accuracy.

ScrapoPedia *Gwalior, M.P, India*

CREATE A NUTRITIONAL CHART OF YOUR FOOD. *June 2017*

- Applied transfer learning using VGG-16 model over a self created small dataset of vegetables to achieve higher accuracy.
- Webscrapped the vegetable nutritional infor from Healthline.

Raksha *Gwalior, M.P, India*

CONNECTING THE HELPER WITH THE HELPEE. *Mar 2017*

- Designed the frontend of the application.

Publication

Forecasting Tuberculosis Morbidity Rate   *ICICSS'2018 conference*

T.B MORBIDITY ANALYSIS USING A DEEP LEARNING ALGORITM FOR BETTER RESULTS.

- Presented a paper on Tuberclosis morbidity with time analysis paper in ICICSS conference held under IEEE chapter.

Extracurricular Activity

ACM Student Chapter   *Gwalior, M.P, India*

CORE MEMBER & PRESIDENT AT 2018   *OCT. 2017 - JULY-2018*

- Conducted a number of contests and workshops to create C.P awareness with a team of 18 students.

ISTE Student chapter   *Gwalior, M.P, India*

GRAPHIC DESIGNER AT ISTE STUDENT CHAPTER   *JUNE. 2016 - JAN-2016*

- Designed number of banners, posters and certificates for various events held under the ISTE Student chapter in college.