Suman Goel

Machine Learning | Deep Learning | Python

With a creative and imaginative mind I am always eager to learn new skills and contribute towards upcoming technology innovations.

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in suman-goel

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SKILLS

- PYTHON
- TENSORFLOW
- SCIKIT-LEARN
- PARALLEL COMPUTING
- C/C++
- DART
- FLASK
- JAVA

SOFT SKILLS

- TIME MANAGEMENT
- LEADERSHIP
- TEAMWORK
- CREATIVITY
- DECISION MAKING

EDUCATION

Veer Surendra Sai University of Technology

Burla, Odisha, India, 768018

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

EXPERIENCE

Center for Development of Advanced Computing (C-DAC)

Pune University Rd, Pune, India

UNDERGRADUATE INTERN

Implemented deep learning algorithms and searching algorithm over a very large text dataset using parallel programming models like OpenMP, MPI and CUDA on HPCs.

PROJECTS

Image Captioning

Using transfer learning used a pre-trained VGG16 network, word embeddings and GRUs, build a captioning bot that takes image inputs and returns a sentence that describes the image.

Movie Recommendation System

Built a Recommendation System using Restricted Boltzmann Machines that recommends movies to the user based on the type of movies watched.

Stock Price Prediction using LSTM

Using LSTM networks build a model that predicts upcoming stock prices and trained it from stock data by Quandl.

Unpaired Image-to-Image Translation

With the help of CycleGAN built a model that converts images of apples to oranges.

Image Reconstruction

Currently working on a model that uses Generative Adversarial Networks and SFSNET to reconstruct face image taken in the wild .

REFERENCES

Prof. Amiya Kumar Rath
Advisor National Assessment and Accreditation Council (NAAC)
Government of India

Dr. Santosh Kumar Majhi
Veer Surendra Sai University of Technology
Burla, Odisha