Ashutosh Mishra

Achieved, Advised, Acted, Accomplished, Adapted, Analyzed

Honesty is the best policy.

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SKILLS

Machine Learning

Deep Learning

Natural Language Processing

Image Processing

Data Visualisation

Cloud Computing

OpenCV   Django

Flask   Web Scrapping

Python   Java   C++

INTERESTS

Reading blogs   GANs

Adversarial Networks

Japanese Culture

WORK EXPERIENCE

Data Science Intern
Intel Indexer LLC
01/2018 – 03/2018
Achievements/Tasks
- Process economic/finance domain algorithms and methods for feature extraction.
- Use LSTM, Dynamic Time Warping, Clustering and scalable methods to build prediction system.
- Create a GDP prediction system with uncertainty quantification and 5% more accurate than IMF.

Machine Learning Intern
TINO IQ
04/2018 – 07/2018
Achievements/Tasks
- Financial data modeling.
- Statistical analysis on long term prediction for hedge-funds like S&P 500 with 92% accuracy.
- Testing and developing models for stock price prediction.

PERSONAL PROJECTS

Deep Representation of Textual descriptions ↗
- Generating real and abstract images from text descriptions of visual representations using self - Attention-GAN and word embeddings for MS-COCO.
- Tech : Deep Learning, AttnGAN, StackGAN

Limbic AI ↗
- Adversarial AI that generates an emotion like fear and reduces the chance of misuse of it by limiting its work environment.
- Tech : Deep Learning, Adversarial Network, GANs, Python

Doodle-GAN ↗
- Generating new doodle images from Google Doodle dataset, using Generative Adversarial Network.
- Tech: Deep Learning, Python, GANs.

The Bot ↗
- The AI "THE-BOT" is a community driven smart bot which is build using flask and Restful API responsive, which gives you a Weather, Distance and Your_IP.

EDUCATION

B.Tech (Hons.), Computer Science
Indira Gandhi Institute of Technology
08/2015 – Present   *8.1 GPA*

XII (Senior Secondary), Science
DAV Public School, PKT
05/2013 – 02/2015   *Bhubaneswar, 86.4%*

CERTIFICATES

Structuring Machine Learning Projects (06/2018 – 07/2018) ↗

Deep Learning Specialization-Sequence Models (08/2018 – 09/2018) ↗

Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization (07/2018 – 08/2018) ↗