Dinesh Daultani

dinesh.daultani@gmail.com | 309-684-8303

EDUCATION

ILLINOIS STATE UNIVERSITY
Master of Science in Information Systems
May 2017 | Normal, Illinois
GPA: 3.92/4

C.D.G.I
Bachelor of Engineering in Computer Science
June 2014 | Indore, India
GPA: 7.43/10

LINKS

LinkedIn:// **dineshdaultani**
Github:// **dineshdaultani**

SKILLS

PROGRAMMING:
python (NumPy & pandas)
R programming • **Java** • **C** • **C++**

MACHINE LEARNING:
Deep learning • Neural networks
Computer vision • NLP

ML FRAMEWORKS:
scikit-learn • theano • Caffe

DATA VISUALIZATION:
tableau • MS Excel • Shiny

DATABASES:
MySQL • Oracle • IBM DB2
Neo4j (NoSQL)

OPERATING SYSTEMS:
Windows • Linux • IBM z/OS • macOS

AMAZON CLOUD SERVICES:
EC2 • S3 • RDS • VPC

WEB DESIGNING:
HTML • CSS • Javascript • jQuery
Bootstrap • AJAX • XML

COURSEWORK

ONLINE
Practical Machine Learning & R Programming
(Coursera: John Hopkins University)
Machine Learning Foundations
(Coursera: University of Washington)

EXPERIENCE

RR DONNELLEY | Data Scientist
Jan 2017 - Present | Normal, Illinois
- Train different optimized **supervised and unsupervised machine learning models** based upon the problem to increase the responses of direct mail marketing campaigns for various clients using **scikit-learn**
- Use **tableau** to create geographical visualizations and advanced graphs based on specific requirements of the clients

ILLINOIS STATE UNIVERSITY | Research Assistant
Aug 2016 - Dec 2016 | Normal, Illinois
- Helped professor in research on **MNIST** to optimize the error rate more than 99% using **convolutional neural networks and recurrent neural network**
- Utilized **theano & Caffe** machine learning libraries for reproducing top research paper's algorithms & methods in the field of **computer vision** to generate better results by running the code on Nvidia GPUs

PROJECTS

STOCK PREDICTIONS | Data Scientist
Aug 2016 - May 2017 | Normal, Illinois
- Predicted **DJIA** stock indices (time series) values based on the output of sentiment analysis through training **logistic regression, stochastic gradient descent, random forest and neural networks** models
- Performed **sentiment analysis** for news headlines of previous 10 years NYTimes articles with the help of Vader sentiment analysis tool which comes with the **NLTK python package**

CIFAR-10 IMAGE PREDICTION | Machine Learning Engineer
Aug 2016 - Dec 2016 | Normal, Illinois
- Implemented **convolutional neural networks** and **recurrent neural network** to predict and visualize the images in CIFAR-10 dataset
- Utilized various packages like **pandas and NumPy** for optimizing mathematical calculations in python

NIPS CONFERENCE RESEARCH PROJECT | Data Analyst
Jan 2016 - May 2016 | Normal, Illinois
- Gathered research papers through the **web crawling** of NIPS conference website and extracted valuable information about the published papers using **Beautiful Soup and pandas** library in python
- Formulated various findings by designing visualized bar graphs after applying various **data cleaning and extraction** methods in **R**

SOCIETIES

2017	**Intel Student Ambassador AI** (Artificial Intelligence)
2016-2017	**President** of **Indian Student Association RSO** at ISU
2016-2017	Member of **Internationalization Student Panel** at ISU.
2016	President and Founder of **Machine Learning Club** at ISU
2015-2017	Member of **Graduate Student Advisory Council** (GSAC) at ISU
2015	**Public Relations Officer in Indian Student Association** (ISA) at ISU