OBJECTIVE

Certified Artificial Intelligence Engineer with a clear understanding of Machine Learning and Deep Learning Algorithms. Motivated to learn, grow, and excel in the IT industry.

EDUCATION

Master of Technology • COMPUTATIONAL ENGINEERING AND NETWORKING• 2008 • Amrita Vishwavidyapeedam

BACHELOR OF ENGINEERING • COMPUTER SCIENCE AND ENGINEERING • 2005 • ANNA UNIVERSITY

SKILLS

- Python, Pyspark, SQL, MongoDB
- AWS, IBM Watson, Heroku
- Tensorflow, Keras, Pytorch, OpenCV
- Git, Selenium, Tableau
- CNN, RNN, Computer Vision, NLP, Encoder-Decoder
- Regression, SVM, PCA, Classification, Decision Tree, Clustering
- Jupyter Notebook, Colab
- WatsonStudio, AWS sage maker
- CSS, HTML, Flask, Rest API

PROFESSIONAL EXPERIENCE

Senior System Engineer,
Infosys Technologies (2008-2012),
Cross industry experience,
(Mainframe, Java) Software Development

DHANYA SETHUMADHAVAN

Artificial Intelligence/Machine Learning
Total Experience: 6 years
LinkedIn: https://www.linkedin.com/in/dhanya-s-b4848076/
GitHub: https://github.com/sabdha
Email: dhanyasethumadhavan@gmail.com
Mob: +971556452163
Place: Alnahda, Sharjah, UAE, visa: Residential Visa

PROJECTS

1. **Vehicle Detection, tracking and Counting**: View the project
   To count the automobile traffic using SSD Mobilenet, Tensorflow API, OpenCV, Python and centroid tracking algorithm. **(2021)**

2. **Building Machine learning Pipelines**: View the project
   Data Analysis, Feature Engineering, Feature Selection, Model building and deployment of Advanced House Price Prediction using Python**. (2021)**

3. **Object Detection using Tensorflow API**: View the project
   To train on a new object that is not part of the COCO dataset. The images of a toy were collected. A RetinaNet pre-trained model was used. **(2021)**

4. **Disaster Tweet- (Detecting Real or Fake)**:
   Binary Classification, Sentiment Analysis, NLP, BERT
   Kaggle Link, View the project and Kaggle Score**(2020)**

5. **End to End deployment of ML Application**: To forecast the Bike sharing demand deployed in Heroku, Azure, GoogleCloud.
   Python, Gradient Boost, Time series forecasting, Flask
   View the project, Link to the deployment.**(2020)**

CERTIFICATIONS AND SPECIALIZATIONS

- **IBM AI Engineering Professional Certificate**-**IBM**-April 2021
- Cloud Computing Basic, [Coursera] - [Jan 2021]
- ***Advanced Computer Vision with Tensorflow***, [**deeplearning.ai**] - 2021
- Sequence Models, [deeplearning.ai] - [Feb 2021]
- **Convolutional Neural Networks,** [deeplearning.ai] - [Jan 2021]
- Deep Neural Network with Pytorch [IBM]-April 2021
- **Scalable Machine Learning on *Big Data using Apache Spark*,** [**IBM**] [March 2021]
- Introduction and Deeplearning Neural Networks with Keras [IBM][March 2021]
- **Building Deep Learning Models with TensorFlow**[**IBM**] - [March 2021]
- Deeplearning Nano Degree, [Udacity] - [Dec 2018]