# Tung Nguyen | Linkedin | Github | Portfolio

*Lubbock, Tx, 79415, 309-307-3992*

*Aspiring Data Scientist, Statistics Researcher, Enthusiast Deep Learning and Machine Learning Practitioner. With 2 years of experience in applying statistical principles to solve real-world problems, I'm looking forward to contributing my skills to help innovate and expand your company*

## Education

**Texas Tech University** Lubbock, Texas Sept 2018 – Present

- Currently pursuing MS in Statistics, Overall GPA: 3.7

**Illinois Wesleyan University** Bloomington, Illinois Fall 2013 – Spring 2017

- Bachelor of Science in Mathematics

## Employment

**Graduate Part-time Instructor** Texas Tech University Fall 2019 - Present

- Educate students on the applications of statistics in business and scientific studies
- Instruct students to conduct hypothesis tests and create linear regression models
- Integrating lectures with Google Colab for an interactive and modern collaboration with students

## Personal Projects

**Senior Thesis – Independence of Multi-Categorical Random Variables (MCRVs) |**

- Collaborate to propose a modified Pearson statistic for independence test of MCRVs
- Apply bootstrapping methods to calculate p-value for independence test
- Utilize parallel programming, reducing computing time from 10 hours to a few minutes
- Languages: R

**Facial Expression Recognition – Applied Deep Learning Classification |**

- Built a facial expression recognition classifier using Tensorflow and Opencv
- Applied state of the art Deep Learning techniques such as data augmentation, transfer learning to improve classifier's performance
- Combined pretrained object detection model to build a real-time facial expression classifier
- Languages/Technologies: Python, Tensorflow, Opencv

**Image Super Resolution – Unet Autoencoder |**

- Implemented Unet autoencoder architecture to build an image super-resolution model
- Utilized Google Colab and Tensorflow Gpu to accelerate model training time
- Languages/Technologies: Python, Tensorflow, Google Colab

## Languages and Technologies

- Proficient: Python, Tensorflow and Keras, Opencv, Matplotlib, Sklearn,
- Working Experience: R, SQL, MATLAB, Plotly, Bokeh, NLTK, Gensim

## Skills

- Proficient**:** Data Mining, Data Visualization, Git, Machine Learning (Supervised, Unsupervised)
- Working Experience: NLP, Web Scraping

## Achievement

- HUA YU Memorial Scholar