Yijian Zong
Data Scientist

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Udacity Profile

Skills

Python, Java, C, C++, R, Julia, Android, NumPy, Sklearn, Pandas, Matplotlib, TensorFlow, Jupyter, SQL, Stata, Golang, JavaScript, HTML, CSS, Version Control, Markdown, MATLAB

Projects

RNN Language Translation
- Assembled a neural network for translation using a small dataset of words in both English and French.
- Achieved Train Accuracy of 0.9785, Validation Accuracy of 0.9824, Loss of 0.0169.

CNN TF Layer Image Classification
- Constructed a simple Convolutional Network to train batches of images to do image classification on CIFAR-10 dataset.
- Achieved Validation Accuracy of 0.71 and Testing Accuracy of 0.6455.

Finding Donors for CharityML
- Adapted Supervised learning method Adaboost to help CharityML find donors
- Accuracy of 0.8628 and F-score of 0.7352 on testing data.

Chopin Composition Research Paper
- A research project that managed to generate and classify Chopin's music, with RNN loss less than 0.02 and CNN accuracy higher than 30%.

Experience

GE-CAT – Guangdong, China | Founder, CEO, and CTO　　　　　**September 2015 to Present**
- Designed and developed App to protect customers' data security.
- Utilized online crowdfunding to secure more than $1000.

DopeNote – Guangdong, China | Founder, CEO　　　　　**September 2015 to December 2015**
- Secured $3,000 from investment sources.
- Managed a team of 10 people and constructed an online platform with 500 subscribers.

Education

- **Bachelor of Science in Data Science, UCSD (3.77GPA)**　　　　**2017 to Present**
- **Machine Learning Engineering "Nanodegree"**　　　　**2017 to 2018**
- **Udacity Deep Learning "Nanodegree"**　　　　**2017**