Harlan Zhao

Data Scientist/Machine Learning Engineer

Motivated,responsible fast learner with a Master's degree in Engineering. With project experience in Machine Learning/Deep Learning/Computer Vision/NLP/Data Science. Fluent in English and Mandarin.

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EDUCATION

Master's in Electrical Computer Engineering
University of Windsor

01/2017 – 05/2018   *GPA 3.14*

Bachelor's in Internet of Things
Chengdu University of Technology

09/2011 – 06/2015   *Chengdu, China*

PERSONAL PROJECTS

Kaggle Competition: Predict Future Sales
github.com/zhaohehe520/Kaggle-Predict-Future-Sales ⤢

Achievements/Tasks

- Manage multiple files of company sales data and deeply understand the data.
- Perform Exploratory Data Analysis on various data entries
- Create data visualization with R language
- Perform feature engineering after gained a better insight on data set
- Compare results from different models and choose the proper one or ensemble them

Universal ChatBot Architecture
github.com/zhaohehe520/Your_Chatbot ⤢

Achievements/Tasks

- Perform data cleaning,data mining and feature engineering on a data-set that is over 100 GB in size.
- Research on papers and build Seq-2-Seq model(GRU) for this project.
- Train the model and perform hyper-parameter tuning for better results.
- Build user-bot-chat GUI just for fun.

Real-Time Face Detection&Identification
github.com/zhaohehe520/Face-Detection-Identification ⤢

Achievements/Tasks

- Research on multiple face-detection algorithms and choose the proper one for this project
- Apply algorithm(ResNET) with OpenCV in Python
- Test the model, find shortcomings, improve the model
- Currently Working on a Real-Time-Tiny-Face-Detection project(updating on GitHub).

TECH SKILLS

Python   SQL   R   Pandas   Git   TensorFlow
Keras   Numpy   Scikit-Learn   MySQL   Matlab

OTHER SKILLS

Ability to learn fast and efficiently

Good insights on complex data

Always be learning state-of-the-art machine learning methods from research papers

Video-Post-Production with Adobe Creative Suite

Youtube videos content creator, channel management

LANGUAGES

English
Full Professional Proficiency

Mandarin
Native or Bilingual Proficiency

EXPECTED JOB TITLE AND TYPE

Data Analyst   Data Scientist

Machine Learning Engineer   Intern   Full-Time

Contract