

arcface_套件版本

Python版本(3.6.13) conda版本(4.5.11)

absl-py==1.1.0

astor==0.8.1

cached-property==1.5.2

certifi==2021.5.30

colorama==0.4.5

cycler==0.11.0

dataclasses==0.8

gast==0.5.3

grpcio==1.47.0

h5py==2.10.0

```
importlib-metadata==4.8.3  
importlib-resources==5.4.0  
install==1.3.5
```

```
joblib==1.1.0  
Keras==2.1.5  
Keras-Applications==1.0.8  
Keras-Preprocessing==1.1.2  
kiwisolver==1.3.1  
Markdown==3.3.7  
matplotlib==3.3.4  
mock==4.0.3  
numpy==1.19.5
```

opencv-python==4.6.0.66

Pillow==8.4.0

protobuf==3.19.4

pyparsing==3.0.9

python-dateutil==2.8.2

PyYAML==6.0

scikit-learn==0.24.2

scipy==1.5.4

six==1.16.0

tensorboard==1.13.1

tensorflow==1.13.2

tensorflow-estimator==1.13.0

termcolor==1.1.0

threadpoolctl==3.1.0

tqdm==4.64.0

typing_extensions==4.1.1

Werkzeug==2.0.3

wincertstore==0.2

zipp==3.6.0

注意事項：

以上套件都可藉由” `pip install -r requirements.txt`” 指令安裝
若過程出現錯誤，則建議單個套件獨立安裝