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<https://github.com/seatgeek/fuzzywuzzy>◆ **python-Levenshtein**

Version – 0.12.2

<https://github.com/rapidfuzz/python-Levenshtein>

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Version – 11.-.13

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### ◆ **chardet**

Version – 3.0.4

<https://github.com/chardet/chardet>

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Version 2.1, February 1999

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Version – 2.9.7

<https://github.com/psycopg/psycopg2>

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◆ **google-auth**

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◆ **importlib-resources**

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◆ **prometheus-client**

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[https://github.com/prometheus/client\\_python](https://github.com/prometheus/client_python)

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◆ **python-dateutil**

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<https://github.com/dateutil/dateutil>

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Version – 2.31.0

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◆ **rsa**

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◆ **Serilog.Extensions.Hosting**

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◆ **Serilog.Settings.Configuration**

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◆ **tensorboard**

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<https://github.com/tensorflow/tensorboard>

◆ **tensorboard-data-server**

Version – 0.7.1

<https://github.com/tensorflow/tensorboard/tree/master/tensorboard/data/server>

◆ **tensorboard-plugin-wit**

Version – 1.7.0

<https://github.com/PAIR-code/what-if-tool>

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◆ **tornado**

Version – 6.3.2  
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◆ **typescript**

Version – 4.3.5  
<https://github.com/Microsoft/TypeScript>

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◆ **imageio**

Version – 2.31.1

<https://github.com/imageio/imageio>

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◆ **jdcal**

Version – 1.4.1

<https://github.com/phn/jdcal>

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◆ **mock**

Version – 5.1.0

<https://github.com/testing-cabal/mock>

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◆ **nest-asyncio**

Version – 1.5.6

[https://github.com/erdewit/nest\\_asyncio](https://github.com/erdewit/nest_asyncio)

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◆ **pyasn1**

Version – 0.5.0

<https://github.com/pyasn1/pyasn1>

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◆ **pyasn1-modules**

Version – 0.3.0

<https://github.com/pyasn1/pyasn1-modules>

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◆ **pycocotools**

Version – 2.0.6

<https://github.com/ppwwyyxx/cocoapi>

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#### ◆ **Pygments**

Version – 2.15.1

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#### ◆ **python-json-logger**

Version – 2.0.7

<http://github.com/madzak/python-json-logger>



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◆ **terminado**

Version – 0.17.1  
<https://github.com/jupyter/terminado>

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◆ **torchaudio**

Version – 2.0.2+cpu  
<https://github.com/pytorch/audio>

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#### ◆ **wrapt**

Version – 1.14.1

<https://github.com/GrahamDumpleton/wrapt>

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##### ◆ **antlr4-python3-runtime**

Version – 4.9.3

<https://github.com/antlr/antlr4>

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◆ **asgiref**

Version – 3.5.2

<https://github.com/django/asgiref/>

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◆ **astor**

Version – 0.8.1

<https://github.com/berkerpeksag/astor>

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◆ **astunparse**

Version – 1.6.3

<https://github.com/simonpercivall/astunparse>

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◆ **Babel**

Version – 2.12.1

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◆ **backcall**

Version – 0.2.0

<https://github.com/takluyver/backcall>

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◆ **click**

Version – 8.1.6

<https://github.com/pallets/click/>

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◆ **cloudpickle**

Version – 2.2.1

<https://github.com/cloudpipe/cloudpickle>

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◆ **colorama**

Version – 0.4.6

<https://github.com/tartley/colorama>

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◆ **colormath**

Version – 3.0.0

<https://github.com/gtaylor/python-colormath>

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◆ **comm**

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◆ **contourpy**

Version – 1.1.0

<https://github.com/contourpy/contourpy>

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◆ **cycler**

Version – 0.11.0

<https://github.com/matplotlib/cycler>

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#### ◆ Django

Version – 3.2.14

<https://github.com/django/django>

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#### ◆ djangoestframework

Version – 3.13.1

<https://github.com/encode/django-rest-framework>

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◆ **fastjsonschema**

Version – 2.18.0

<https://github.com/horejsek/python-fastjsonschema>

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◆ **gast**

Version – 0.2.2

<https://github.com/serge-sans-paille/gast/>

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◆ **idna**

Version – 3.4

<https://github.com/kjd/idna>

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◆ **ipykernel**

Version – 6.24.0

<https://github.com/ipython/ipykernel>

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◆ **ipython**

Version – 8.14.0

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◆ **ipython-genutils**

Version – 0.2.0

[https://github.com/ipython/ipython\\_genutils](https://github.com/ipython/ipython_genutils)

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◆ **itsdangerous**

Version – 2.1.2

<https://github.com/pallets/itsdangerous/>

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◆ **Jinja2**

Version – 3.1.2

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◆ **joblib**

Version – 1.1.0

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◆ **jsonpointer**

Version – 2.4

<https://github.com/stefankoegl/python-json-pointer>

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◆ **jupyter-events**

Version – 0.7.0

[https://github.com/jupyter/jupyter\\_events](https://github.com/jupyter/jupyter_events)

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Version – 2.2.0

<https://github.com/jupyter-lsp/jupyterlab-lsp>

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◆ **jupyter\_client**

Version – 8.3.0

[https://github.com/jupyter/jupyter\\_client](https://github.com/jupyter/jupyter_client)

◆ **jupyter\_server**

Version – 2.7.0

[https://github.com/jupyter-server/jupyter\\_server](https://github.com/jupyter-server/jupyter_server)

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◆ **jupyter\_server\_terminals**

Version – 0.4.4

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◆ **jupyter\_core**

Version – 5.3.1

[https://github.com/jupyter/jupyter\\_core](https://github.com/jupyter/jupyter_core)

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#### ◆ **jupyterlab**

Version – 4.0.4

<https://github.com/jupyterlab/jupyterlab>

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#### ◆ **jupyterlab\_server**

Version – 2.24.0

[https://github.com/jupyterlab/jupyterlab\\_server](https://github.com/jupyterlab/jupyterlab_server)

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◆ **jupyterlab-widgets**

Version – 3.0.8

<https://github.com/jupyter-widgets/ipywidgets>

◆ **ipywidgets**

Version – 8.0.7

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◆ **widgetsnbextension**

Version – 4.0.8

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◆ **kiwisolver**

Version – 1.4.4

<https://github.com/nucleic/kiwi>

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About Kiwi

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Chris Colbert began the Kiwi project in December 2013 in an effort to create a blisteringly fast UI constraint solver. Chris is still the project lead.

The Nucleic Development Team is the set of all contributors to the Nucleic project and its subprojects.

The core team that coordinates development on GitHub can be found here:

<http://github.com/nucleic>. The current team consists of:

\* Chris Colbert

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#### ◆ **lazy\_loader**

Version – 0.3

[https://github.com/scientific-python/lazy\\_loader](https://github.com/scientific-python/lazy_loader)

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◆ **MarkupSafe**

Version – 2.1.3

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◆ **matplotlib-inline**

Version – 0.1.6

<https://github.com/ipython/matplotlib-inline>

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◆ **mistune**

Version – 3.0.1

<https://github.com/lepture/mistune>

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Version – 1.2.1

<https://github.com/mpmath/mpmath>

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◆ **networkx**

Version – 3.1

<https://github.com/networkx/networkx>

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◆ **nbclient**

Version – 0.8.0

<https://github.com/jupyter/nbclient>

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◆ **nbconvert**

Version – 7.7.3

<https://github.com/jupyter/nbconvert>

◆ **nbformat**

Version – 5.9.1

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◆ **notebook**

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◆ **notebook\_shim**

Version – 0.2.3

[https://github.com/jupyter/notebook\\_shim](https://github.com/jupyter/notebook_shim)

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◆ **oauthlib**

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◆ **omegaconf**

Version – 2.3.0

<https://github.com/omry/omegaconf>

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◆ **pandas**

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◆ **pandocfilters**

Version – 1.5.0

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◆ **portlocker**

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<https://github.com/wolph/portlocker/>

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◆ **prompt-toolkit**

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<https://github.com/prompt-toolkit/python-prompt-toolkit>

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◆ **protobuf**

Version – 4.23.4

<https://github.com/protocolbuffers/protobuf>

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◆ **psutil**

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<https://github.com/giampaolo/psutil>

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◆ **pycparser**

Version – 2.21

<https://github.com/eliben/pycparser>

pycparser -- A C parser in Python

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◆ **pytest-django**

Version – 4.5.2

<https://github.com/pytest-dev/pytest-django>

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Version – 25.1.0  
<https://github.com/zeromq/pyzmq>

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◆ **qtconsole**

Version – 5.4.3

<https://github.com/jupyter/qtconsole>

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◆ **scikit-image**

Version – 0.21.0

<https://github.com/scikit-image/scikit-image>

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Files: skimage/feature/\_canny.py

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skimage/filters/\_rank\_order.py

skimage/morphology/\_skeletonize.py

skimage/morphology/tests/test\_watershed.py

skimage/morphology/watershed.py

skimage/segmentation/heap\_general.pxi

skimage/segmentation/heap\_watershed.pxi

skimage/segmentation/\_watershed.py

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2022 Gregory Lee (added a 64-bit integer variant for large images)

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File: skimage/exposure/\_adapthist.py

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Function: skimage/morphology/\_skeletonize\_cy.pyx:\_skeletonize\_loop

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Function: skimage/\_shared/version\_requirements.py:is\_installed  
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◆ **scipy**

Version – 1.11.1

<https://github.com/scipy/scipy>

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◆ **Send2Trash**

Version – 1.8.2

<https://github.com/arsenitar/send2trash>

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◆ **shapely**

Version – 2.0.1

<https://github.com/shapely/shapely>

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◆ **sqlparse**

Version – 0.4.2

<https://github.com/andialbrecht/sqlparse>

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◆ **sympy**

Version – 1.11.1

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◆ **tifffile**

Version – 2023.7.18

<https://github.com/cgohlke/tifffile>

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#### ◆ **tinycss2**

Version – 1.2.1

<https://github.com/Kozea/tinycss2>

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Version – 2.0.1+cpu

<https://github.com/pytorch/pytorch>

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◆ **torchvision**

Version – 0.15.2+cpu

<https://github.com/pytorch/vision>

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◆ **traitlets**

Version – 5.9.0

<https://github.com/ipython/traitlets>

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◆ **webcolors**

Version – 1.13

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◆ **webencodings**

Version – 0.5.1

<https://github.com/gsnedders/python-webencodings>

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Version – 10.0.0

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### ◆ dnspython

Version – 2.4.1

<https://github.com/rthalley/dnspython>

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◆ **isoduration**

Version – 20.11.0

<https://github.com/bolsote/isoduration>

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◆ **requests-oauthlib**

Version – 1.3.1

<https://github.com/requests/requests-oauthlib>

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##### ◆ @angular/animations

Version - 12.2.16

<https://github.com/angular/angular>

##### ◆ @angular/common

Version – 12.2.0

<https://github.com/angular/angular>

##### ◆ @angular/compiler

Version – 12.2.0

<https://github.com/angular/angular>

##### ◆ @angular/compiler-cli

Version – 12.2.0

<https://github.com/angular/angular>

##### ◆ @angular/core

Version – 12.2.0

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##### ◆ @angular/forms

Version – 12.2.0

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##### ◆ @angular/platform-browser

Version – 12.2.0

<https://github.com/angular/angular>

##### ◆ @angular/platform-browser-dynamic

Version – 12.2.0

<https://github.com/angular/angular>

##### ◆ @angular/router

Version – 12.2.0

<https://github.com/angular/angular>

##### ◆ @angular/zone.js

Version – 0.11.4

<https://github.com/angular/angular>

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- ◆ **@angular/cdk**  
Version - 12.2.13  
<https://github.com/angular/components>

- ◆ **@angular/material**  
Version - 12.2.13  
<https://github.com/angular/components>

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- ◆ **@angular/cli**  
Version – 12.2.5  
<https://github.com/angular/angular-cli>

- ◆ **@angular-devkit/build-angular**  
Version – 12.2.5  
<https://github.com/angular/angular-cli>

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◆ **anyio**

Version – 3.7.1

<https://github.com/agronholm/anyio>

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◆ **argon2-cffi**

Version – 21.3.0

<https://github.com/hynek/argon2-cffi>

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◆ **argon2-cffi-bindings**

Version – 21.2.0

<https://github.com/hynek/argon2-cffi-bindings>

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◆ **async-lru**

Version – 2.0.4

<https://github.com/aio-lib/async-lru>

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◆ **atomicwrites**

Version – 1.4.1

<https://github.com/untitaker/python-atomicwrites>

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◆ **attrs**

Version – 23.1.0

<https://github.com/python-attrs/attrs>

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◆ **beautifulsoup4**

Version – 4.12.2

<https://www.crummy.com/software/BeautifulSoup/>

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◆ **black**

Version – 23.7.0

<https://github.com/psf/black>

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◆ **bootstrap**

Version - 5.2.1

<https://github.com/twbs/bootstrap>

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◆ **cachetools**

Version – 5.3.1

<https://github.com/tkem/cachetools>

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◆ **cffi**

Version – 1.15.1

<https://github.com/python-cffi/cffi>

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◆ **charset-normalizer**

Version – 3.2.0

[https://github.com/Ousret/charset\\_normalizer](https://github.com/Ousret/charset_normalizer)

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◆ **debugpy**

Version – 1.6.7

<https://github.com/microsoft/debugpy>

debugpy

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◆ **django-cors-headers**

Version – 3.13.0

<https://github.com/adamchainz/django-cors-headers>

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◆ **entrypoints**

Version – 0.4

<https://github.com/takluyver/entrypoints>

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◆ **et-xmlfile**

Version – 1.1.0

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◆ **executing**

Version – 1.2.0

<https://github.com/alexmojaki/executing>

◆ **pure-eval**

Version – 0.2.2

[http://github.com/alexmojaki/pure\\_eval](http://github.com/alexmojaki/pure_eval)

◆ **stack-data**

Version – 0.6.2

[http://github.com/alexmojaki/stack\\_data](http://github.com/alexmojaki/stack_data)

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◆ **fonttools**

Version – 4.41.1

<https://github.com/fonttools/fonttools>

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◆ **future**

Version – 0.18.3

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◆ **h11**

Version – 0.13.0

<https://github.com/python-hyper/h11>

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◆ **h2**

Version – 4.1.0

<https://github.com/python-hyper/h2>

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◆ **hpack**

Version – 4.0.0

<https://github.com/python-hyper/hpack>◆ **hyperframe**

Version – 6.0.1

<https://github.com/python-hyper/hyperframe/>

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◆ **hydra-core**

Version – 1.3.2

<https://github.com/facebookresearch/hydra>

◆ **iopath**

Version – 0.1.9

<https://github.com/facebookresearch/iopath>

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◆ **hypercorn**

Version – 0.13.2

<https://github.com/pgjones/hypercorn/>

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◆ **imgaug**

Version – 0.4.0

<https://github.com/aleju/imgaug>

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◆ **imutils**

Version – 0.5.4

<https://github.com/jrosebr1/imutils>

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◆ **iniconfig**

Version – 1.1.1

<https://github.com/pytest-dev/iniconfig>

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◆ **Jasmine-core**

Version – 3.8.0

<https://github.com/jasmine/jasmine>

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◆ **jedi**

Version – 0.18.2

<https://github.com/davidhalter/jedi>

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◆ **jsonschema**

Version – 4.18.4

<https://github.com/python-jsonschema/jsonschema>

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◆ **jsonschema-specifications**

Version – 2023.7.1

<https://github.com/python-jsonschema/jsonschema-specifications>

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◆ **jwt-decode**

version – 3.1.2

<https://github.com/auth0/jwt-decode>

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◆ **Karma**

Version – 6.3.0

<https://github.com/karma-runner/karma>

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◆ **karma-chrome-launcher**

Version – 3.1.0

<https://github.com/karma-runner/karma-chrome-launcher>

◆ **karma-coverage**

Version – 2.0.3

<https://github.com/karma-runner/karma-coverage>

◆ **karma-jasmine**

Version – 4.0.0

<https://github.com/karma-runner/karma-jasmine>

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◆ **karma-jasmine-html-reporter**

Version – 1.7.0

<https://github.com/dfederm/karma-jasmine-html-reporter>

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◆ **ngx-toastr**

version – 14.0.0

<https://github.com/scttcper/ngx-toastr>

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◆ **@ngx-translate/core**

Version - 13.0.0

<https://github.com/ngx-translate/core>◆ **@ngx-translate/http-loader**

Version - 6.0.0

<https://github.com/ngx-translate/http-loader>

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◆ **Microsoft.AspNetCore.App.Ref**

Version – 6.0.20

<https://github.com/dotnet/aspnetcore>◆ **Microsoft.Extensions.Configuration**

Version – 7.0.0

<https://github.com/dotnet/runtime>◆ **Microsoft.Extensions.Hosting**

Version – 7.0.0

<https://github.com/dotnet/core>◆ **Microsoft.Extensions.Logging**

Version – 7.0.0

<https://github.com/dotnet/core>◆ **Microsoft.WindowsDesktop.App.Ref**

Version – 6.0.20

<https://github.com/dotnet/windowsdesktop>◆ **System.ComponentModel.Composition**

Version – 7.0.0

<https://github.com/dotnet/core>

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◆ **mypy-extensions**

Version – 1.0.0

[https://github.com/python/mypy\\_extensions](https://github.com/python/mypy_extensions)

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◆ **opencv-python**

Version – 4.8.0.74

<https://github.com/opencv/opencv-python>

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◆ **opt-einsum**

Version – 3.3.0

[https://github.com/dgasmith/opt\\_einsum](https://github.com/dgasmith/opt_einsum)

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◆ **parso**

Version – 0.8.3

<https://github.com/davidhalter/parso>

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◆ **pickleshare**

Version – 0.7.5

<https://github.com/pickleshare/pickleshare>

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◆ **platformdirs**

Version – 3.10.0

<https://github.com/platformdirs/platformdirs>

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◆ **pluggy**

Version – 1.0.0

<https://github.com/pytest-dev/pluggy>

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◆ **priority**

Version – 2.0.0

<https://github.com/python-hyper/priority/>

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◆ **py**

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<https://github.com/pytest-dev/py>

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◆ **pydot**

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◆ **PyJWT**

Version – 2.8.0

<https://github.com/jpadilla/pyjwt>

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◆ **pyparsing**

Version – 3.0.9

<https://github.com/pyparsing/pyparsing>

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◆ **pyrsistent**

Version – 0.18.1

<https://github.com/tobgu/pyrsistent/>

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◆ **pytest**

Version – 7.1.2

<https://github.com/pytest-dev/pytest>

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◆ **pytz**

Version – 2023.3

<https://github.com/stub42/pytz/>

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◆ **PyWavelets**

Version – 1.4.1

<https://github.com/PyWavelets/pywt>

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◆ **pywinpty**

Version – 2.0.11

<https://github.com/spyder-ide/pywinpty>

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◆ **PyYAML**

Version – 6.0.1

<https://github.com/yaml/pyyaml>

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◆ **QtPy**

Version – 2.3.1

<https://github.com/spyder-ide/qtpy>

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◆ **referencing**

Version – 0.30.2

<https://github.com/python-jsonschema/referencing>

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◆ **rfc3339-validator**

Version – 0.1.4

<https://github.com/naimetti/rfc3339-validator>

◆ **rfc3986-validator**

Version – 0.1.1

<https://github.com/naimetti/rfc3986-validator>

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◆ **rpds-py**

Version – 0.9.2

<https://github.com/crate-py/rpds>

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◆ **setuptools-scm**

Version – 7.1.0

[https://github.com/pypa/setuptools\\_scm/](https://github.com/pypa/setuptools_scm/)

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◆ **six**

Version – 1.16.0

<https://github.com/benjaminp/six>

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◆ **sniffio**

Version – 1.3.0

<https://github.com/python-trio/sniffio>

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◆ **soupsieve**

Version – 2.4.1

<https://github.com/facelessuser/soupsieve>

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◆ **Swashbuckle.AspNetCore**

Version – 6.2.3

<https://github.com/domaindrivendev/Swashbuckle.AspNetCore>



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### ◆ **sweetalert2**

Version – 11.6.0

<https://github.com/sweetalert2/sweetalert2>

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### ◆ **tabulate**

Version – 0.9.0

<https://github.com/astanin/python-tabulate>

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◆ **termcolor**

Version – 2.3.0

<https://github.com/termcolor/termcolor>

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◆ **toml**

Version – 0.10.2

<https://github.com/uiri/toml>

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◆ **tomli**

Version – 2.0.1

<https://github.com/hukkin/tomli>

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◆ **tqdm**

Version – 4.65.0

<https://github.com/tqdm/tqdm>

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◆ **@types/jasmine**

Version – 3.8.0

<https://github.com/DefinitelyTyped/DefinitelyTyped>

◆ **@types/node**

Version – 12.11.1

<https://github.com/DefinitelyTyped/DefinitelyTyped>

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◆ **uri-template**

Version – 1.3.0

<https://gitlab.linss.com/open-source/python/uri-template>

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◆ **urllib3**

Version – 1.26.16

<https://github.com/urllib3/urllib3>

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◆ **wcwidth**

Version – 0.2.6

<https://github.com/jquast/wcwidth>

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Markus Kuhn – 2007-05-26 (Unicode 5.0)

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◆ **wsproto**

Version – 1.1.0

<https://github.com/python-hyper/wsproto/>

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#### ◆ zipp

Version – 3.15.0

<https://github.com/jaraco/zipp>

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##### ◆ certifi

Version – 2023.7.22

<https://github.com/certifi/python-certifi>

##### ◆ fqdn

Version – 1.5.1

<https://github.com/ypcrtts/fqdn>

##### ◆ pathspec

Version – 0.11.2

<https://github.com/cpburnz/python-pathspec>

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