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Materials List for

Deep Neural Networks for Image-Based Dietary Assessment

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Materials

Name	Company	Catalog Number	Comments
HARDWARE			
NVIDIA GPU	NVIDIA	N/A	An NVIDIA GPU is needed as some of the software frameworks below will not work otherwise. https://www.nvidia.com
SOFTWARE			
Caffe	Berkeley AI Research	N/A	Caffe is a deep learning framework. https://caffe.berkeleyvision.org
CLoDSA	Jónathan Heras	N/A	CLoDSA is a Python image augmentation library. https://github.com/joheras/CLoDSA
Google API Client	Google	N/A	Google API Client is a Python client library for Google's discovery-based APIs. https://github.com/googleapis/google-api-python-client
JavaScript Segment Annotator	Kota Yamaguchi	N/A	JavaScript Segment Annotator is a JavaScript image annotation tool. https://github.com/kyamagu/js-segment-annotator
MMDetection	Multimedia Laboratory, CUHK	N/A	MMDetection is an object detection toolbox based on PyTorch. https://github.com/open-mmlab/mmdetection
NVIDIA DIGITS	NVIDIA	N/A	NVIDIA DIGITS is a wrapper for Caffe that provides a graphical web interface. https://developer.nvidia.com/digits
OpenCV	Intel	N/A	OpenCV is a library for computer vision. https://opencv.org
Python	Python Software Foundation	N/A	Python is a programming language. https://www.python.org
PyTorch	Facebook AI Research	N/A	PyTorch is a machine learning framework. https://pytorch.org
Ubuntu OS	Canonical	N/A	Ubuntu 14.04 is the OS used by the authors and offers compatibility with

			all of the software frameworks and tools above. https://ubuntu.com