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Materials List for

End-To-End Deep Neural Network for Salient Object Detection in Complex Environments

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Materials

Name	Company	Catalog Number	Comments
Matlab	MathWorks	Matlab R2016a	MATLAB's programming interface provides development tools for improving code quality maintainability and maximizing performance. It provides tools for building applications using custom graphical interfaces. It provides tools for combining MATLAB-based algorithms with external applications and languages
Processor	Intel	11th Gen Intel(R) Core (TM) i5-1135G7 @ 2.40GHz	64-bit Win11 processor
Pycharm	JetBrains	PyCharm 3.0	PyCharm is a Python IDE (Integrated Development Environment) a list of required python: modulesmatplotlib skimage torch os time pydensecrf opencv glob PIL torchvision numpy tkinter
PyTorch	Facebook	PyTorch 1.4	PyTorch is an open source Python machine learning library , based on Torch , used for natural language processing and other applications.PyTorch can be viewed both as the addition of GPU support numpy , but also can be viewed as a powerful deep neural network with automatic derivatives .