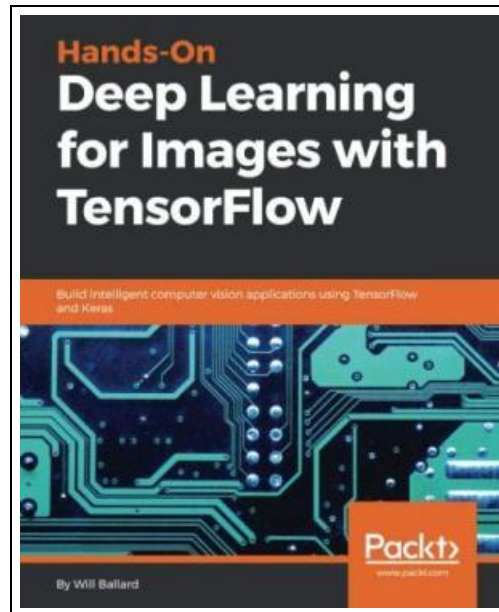# Hands-On Deep Learning for Images with TensorFlow: Build intelligent computer vision applications using TensorFlow and Keras (Paperback)

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Reviews

This published publication is fantastic. it had been writtern very perfectly and useful. Once you begin to read the book, it is extremely difficult to leave it before concluding.
(Junius Herman)

HANDS-ON DEEP LEARNING FOR IMAGES WITH TENSORFLOW: BUILD INTELLIGENT COMPUTER VISION APPLICATIONS USING TENSORFLOW AND KERAS (PAPERBACK)

Packt Publishing Limited, United Kingdom, 2018. Paperback. Condition: New. Language: English. Brand new Book. Explore TensorFlow's capabilities to perform efficient deep learning on imagesKey FeaturesDiscover image processing for machine visionBuild an effective image classification system using the power of CNNsLeverage TensorFlow's capabilities to perform efficient deep learningBook DescriptionTensorFlow is Google's popular offering for machine learning and deep learning, quickly becoming a favorite tool for performing fast, efficient, and accurate deep learning tasks.Hands-On Deep Learning for Images with TensorFlow shows you the practical implementations of real-world projects, teaching you how to leverage TensorFlow's capabilities to perform efficient image processing using the power of deep learning. With the help of this book, you will get to grips with the different paradigms of performing deep learning such as deep neural nets and convolutional neural networks, followed by understanding how they can be implemented using TensorFlow.By the end of this book, you will have mastered all the concepts of deep learning and their implementation with TensorFlow and Keras.What you will learnBuild machine learning models particularly focused on the MNIST digitsWork with Docker and Keras to build an image classifierUnderstand natural language models to process text and imagesPrepare your dataset for machine learningCreate classical, convolutional, and deep neural networksCreate a RESTful image classification serverWho this book is forHands-On Deep Learning for Images with TensorFlow is for you if you are an application developer, data scientist, or machine learning practitioner looking to integrate machine learning into application software and master deep learning by implementing practical projects in TensorFlow. Knowledge of Python programming and basics of deep learning are required to get the best out of this book.

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