

LEARNING DEEPLEARNING

Theory and Practice of Neural Networks, Computer Vision, Natural Language Processing, and Transformers Using TensorFlow

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Learning Deep Learning

Learning Deep Learning: Theory and Practice of Neural Networks, Computer Vision, Natural Language Processing, and Transformers Using TensorFlow

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King - Man + Woman! = Queen



King - Man + Woman ! = Queen

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GloVe Word Embeddings Anki Bilingual Sentence Pairs COCO Installing a DL Framework System Installation Virtual Environment Installation **GPU** Acceleration **Docker Container** Using a Cloud Service **TensorFlow Specific Considerations** Key Differences Between PyTorch and TensorFlow Need to Write Our Own Fit/Training Function Explicit Moves of Data Between NumPy and PyTorch Explicit Transfer of Data Between CPU and GPU Explicitly Distinguishing Between Training and Inference Sequential versus Functional API Lack of Compile Function **Recurrent Layers and State Handling Cross-Entropy Loss** View/Reshape Appendix J: CHEAT SHEETS Works Cited

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