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## Description of role of Michela Sperti in the writing and preparation of “Applied Deep Learning with TensorFlow 2 – Second Edition” published by APRESS/Springer in 2022

To whom it may concern,

with this document the role of Michela Sperti in the writing of “Applied Deep Learning with TensorFlow 2 – Second Edition” will be described in detail. I am Umberto Michelucci, the main author of the book and author of the first edition. I worked with Michela Sperti in the past year on the second edition of the book. The book covers deep learning and neural networks in detail with applications with TensorFlow 2 and Keras. It can be bought from Springer.

Michela Sperti has worked on the following tasks:

- She has updated the entire code discussed in the book to TensorFlow 2.X from TensorFlow 1.X.
- She has created ca. 70% of the code that is available in the online website book companion available at <https://adl.toelt.ai>.
- She has updated figures where relevant due to changes in the book.

Michela Sperti shows a very good and practical understanding of TensorFlow 2.X and the Jupyter notebook technology. She can quickly work on complex code, modify it, update it, and correct it.

In case more information is needed, I am reachable and can be contacted at the email address [umberto.michelucci@toelt.ai](mailto:umberto.michelucci@toelt.ai).

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