Acknowledgements

The book grew out of a set of notes I prepared for an online study group on neural networks and deep learning. Many thanks to all the participants in that study group: Paul Bloore, Chris Dawson, Andrew Doherty, Ilya Grigorik, Alex Kosorukoff, Chris Olah, and Rob Spekkens. I learned a lot from all of you. I am particularly grateful to Rob, for providing so many insightful questions and ideas, and to Chris, who has continued to share his rapidly expanding knowledge of neural networks. Thanks also to Yoshua Bengio, who read and provided feedback on a chapter.

Neural Networks and Deep Learning What this book is about On the exercises and problems

- Using neural nets to recognize handwritten digits
- ▶ How the backpropagation algorithm works
- Improving the way neural networks learn
- A visual proof that neural nets can compute any function
- ▶ Why are deep neural networks hard to train?
- ▶ Deep learning
 Appendix: Is there a *simple*algorithm for intelligence?
 Acknowledgements
 Frequently Asked Questions

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Thanks to all the supporters who made the book possible, with especial thanks to Pavel Dudrenov. Thanks also to all the contributors to the Bugfinder Hall of Fame.

Resources

Michael Nielsen on Twitter

Book FAQ

Code repository

Michael Nielsen's project announcement mailing list

Deep Learning, book by Ian Goodfellow, Yoshua Bengio, and Aaron Courville

cognitivemedium.com



By Michael Nielsen / Jan 2017

In academic work, please cite this book as: Michael A. Nielsen, "Neural Networks and Deep Learning", Determination Press, 2015

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Last update: Thu Jan 19 06:09:48 2017

