## Bibliography

- Abadi, M., Agarwal, A., Barham, P., Brevdo, E., Chen, Z., Citro, C., Corrado, G. S., Davis, A., Dean, J., Devin, M., Ghemawat, S., Goodfellow, I., Harp, A., Irving, G., Isard, M., Jia, Y., Jozefowicz, R., Kaiser, L., Kudlur, M., Levenberg, J., Mané, D., Monga, R., Moore, S., Murray, D., Olah, C., Schuster, M., Shlens, J., Steiner, B., Sutskever, I., Talwar, K., Tucker, P., Vanhoucke, V., Vasudevan, V., Viégas, F., Vinyals, O., Warden, P., Wattenberg, M., Wicke, M., Yu, Y., and Zheng, X. (2015). TensorFlow: Large-scale machine learning on heterogeneous systems. Software available from tensorflow.org. 25, 214, 446
- Ackley, D. H., Hinton, G. E., and Sejnowski, T. J. (1985). A learning algorithm for Boltzmann machines. *Cognitive Science*, **9**, 147–169. **570**, **654**
- Alain, G. and Bengio, Y. (2013). What regularized auto-encoders learn from the data generating distribution. In *ICLR* '2013, arXiv:1211.4246. 507, 513, 514, 521
- Alain, G., Bengio, Y., Yao, L., Éric Thibodeau-Laufer, Yosinski, J., and Vincent, P. (2015). GSNs: Generative stochastic networks. arXiv:1503.05571. 510, 713
- Anderson, E. (1935). The Irises of the Gaspé Peninsula. Bulletin of the American Iris Society, **59**, 2–5. **21**
- Ba, J., Mnih, V., and Kavukcuoglu, K. (2014). Multiple object recognition with visual attention. arXiv:1412.7755. 691
- Bachman, P. and Precup, D. (2015). Variational generative stochastic networks with collaborative shaping. In *Proceedings of the 32nd International Conference on Machine Learning, ICML 2015*, Lille, France, 6-11 July 2015, pages 1964–1972. 717
- Bacon, P.-L., Bengio, E., Pineau, J., and Precup, D. (2015). Conditional computation in neural networks using a decision-theoretic approach. In 2nd Multidisciplinary Conference on Reinforcement Learning and Decision Making (RLDM 2015). 450
- Bagnell, J. A. and Bradley, D. M. (2009). Differentiable sparse coding. In D. Koller,
  D. Schuurmans, Y. Bengio, and L. Bottou, editors, Advances in Neural Information Processing Systems 21 (NIPS'08), pages 113–120. 498