

REFERENCES

- [1] [n. d.]. thedrive. <http://www.thedrive.com/tech/12032/self-driving-cars-are-flummoxed-by-indias-chaotic-roads/>
- [2] Alexandre Alahi, Kratarth Goel, Vignesh Ramanathan, Alexandre Robicquet, Li Fei-Fei, and Silvio Savarese. 2016. Social LSTM: Human trajectory prediction in crowded spaces. In *Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition*. 961–971.
- [3] Dzmitry Bahdanau, Kyunghyun Cho, and Yoshua Bengio. 2014. Neural Machine Translation by Jointly Learning to Align and Translate. *CoRR* abs/1409.0473 (2014). arXiv:1409.0473 <http://arxiv.org/abs/1409.0473>
- [4] Kyunghyun Cho, Bart van Merriënboer, Çaglar Gülçehre, Fethi Bougares, Holger Schwenk, and Yoshua Bengio. 2014. Learning Phrase Representations using RNN Encoder-Decoder for Statistical Machine Translation. *CoRR* abs/1406.1078 (2014). arXiv:1406.1078 <http://arxiv.org/abs/1406.1078>
- [5] Frank Havlak and Mark E. Campbell. 2013. Discrete and Continuous, Probabilistic Anticipation for Autonomous Robots in Urban Environments. *CoRR* abs/1309.0766 (2013). arXiv:1309.0766 <http://arxiv.org/abs/1309.0766>
- [6] Sepp Hochreiter and Jürgen Schmidhuber. 1997. Long Short-Term Memory. *Neural Comput.* 9, 8 (Nov. 1997), 1735–1780. <https://doi.org/10.1162/neco.1997.9.8.1735>
- [7] Ashesh Jain, Hema Swetha Koppula, Shane Soh, Bharad Raghavan, Avi Singh, and Ashutosh Saxena. 2016. Brain4Cars: Car That Knows Before You Do via Sensory-Fusion Deep Learning Architecture. *CoRR* abs/1601.00740 (2016). arXiv:1601.00740 <http://arxiv.org/abs/1601.00740>
- [8] Rudolph Emil Kalman et al. 1960. A new approach to linear filtering and prediction problems. *Journal of basic Engineering* 82, 1 (1960), 35–45.
- [9] William Lotter, Gabriel Kreiman, and David Cox. 2016. Deep predictive coding networks for video prediction and unsupervised learning. *arXiv preprint arXiv:1605.08104* (2016).
- [10] Guanghan Ning, Zhi Zhang, Chen Huang, Zhihai He, Xiaobo Ren, and Haohong Wang. 2016. Spatially Supervised Recurrent Convolutional Neural Networks for Visual Object Tracking. *arXiv preprint arXiv:1607.05781* (2016).
- [11] Peter Ondruška and Ingmar Posner. 2016. Deep Tracking: Seeing Beyond Seeing Using Recurrent Neural Networks. In *Proceedings of the Thirtieth AAAI Conference on Artificial Intelligence (AAAI'16)*. AAAI Press, 3361–3367. <http://dl.acm.org/citation.cfm?id=3016100.3016374>
- [12] Joseph Redmon and Ali Farhadi. 2016. YOLO9000: Better, Faster, Stronger. *arXiv preprint arXiv:1612.08242* (2016).
- [13] Shai Shalev-Shwartz, Shaked Shammah, and Amnon Shashua. 2016. Safe, Multi-Agent, Reinforcement Learning for Autonomous Driving. *CoRR* abs/1610.03295 (2016).
- [14] S. Sivaraman and M. M. Trivedi. 2014. Dynamic Probabilistic Drivability Maps for Lane Change and Merge Driver Assistance. *IEEE Transactions on Intelligent Transportation Systems* 15, 5 (Oct 2014), 2063–2073. <https://doi.org/10.1109/TITS.2014.2309055>
- [15] Nitish Srivastava, Elman Mansimov, and Ruslan Salakhudinov. 2015. Unsupervised learning of video representations using lstms. In *International Conference on Machine Learning*. 843–852.