Liqun Chen

Personal Info

Address: 2616 Erwin RD, APT 1417, Durham, NC
Phone: (917)8610956
email: liqun.chen@duke.edu
Github: https://github.com/LiqunChen0606

Research Interests

I work on deep learning, including generative models and its applications in vision and language intelligence.

Education

Sep 2016 - Dec 2020	Ph.D. at **Duke University**, Durham Major: Electric and Computer Engineering Gpa: 3.98/4.0
Sep 2014 - Dec 2015	Master of Science in ECE, **Columbia University**, New York Major: Electric Engineering Thesis: "New optimization algorithm for improving LDA" | Advisor: David Blei Gpa: 3.96/4.0
Sep 2010 - July 2014	Undergraduate Degree in ECE and Mathematics **Shanghai Jiaotong University**, Shanghai Thesis: "Design Machine Learning algorithms in GraphLab" | Advisor: Li Chen Gpa: 3.6/4.0

Publications

1. **L. Chen**, Z. Gan, W. Wang, Y. Pu, Y. Zhang, H. Liu, C. Li and L. Carin "Triangle Generative Adversarial Networks", *Neural Information Processing Systems* (NIPS), 2017
2. Y. Pu, W. Wang, R. Henao, **L. Chen**, Z. Gan, C. Li, and L. Carin "Adversarial Symmetric Variational Autoencoder", *Neural Information Processing Systems* (NIPS), 2017
3. C. Li, L. Hao, C. Chen, Y. Pu, **L. Chen**, R. Henao, and L. Carin. "Towards Understanding Adversarial Learning for Joint Distribution Matching", *Neural Information Processing Systems* (NIPS), 2017.
4. **L. Chen**, S. Dai, Y. Pu, C. Li, Q. Su and L. Carin. "Symmetric Variational Autoencoder and Connections to Adversarial Learning", to appear in AISTATS (2018).

Pre-prints

1. C. Chen, C. Li, **L. Chen**, W. Wang, Y. Pu, and L. Carin. "Continuous-Time Flows for Deep Generative Models", arXiv preprint arXiv:1709.01179 (2017).

Skills

Programming Language: Python, Matlab, C++
Deep Learning Tools: Tensorflow, PyTorch

Work Experience

Current	Research assistance, **Duke University**, Durham Adviser: Lawrence Carin, Ph.D. Research on generative models, i.e. generative adversarial networks and variational auto-encoder.
Mar-Aug 2016	Software developer at **Oracle**, Redwood City *Supply Chain Management* Developed software based on linear programming algorithms using JAVA and C++.
Sep-Dec 2015	Teaching assistance at **Columbia University**, New York *Big Data Analysis* Helped students work on Spark and Hadoop

Scholarships and Certificates

Sep 2016 ECE Fellowship, Duke University