Joseph L. Marino

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Education	**California Institute of Technology** Ph.D. in Computation and Neural Systems	2014 - Present
	University of Minnesota, Twin Cities B.S. in Physics, Minor in Computer Science	2010 - 2014 High Distinction
Recent Work Experience	**Disney Research** Pittsburgh, PA Working on generative modeling of spatiotemporal patterns in facial key-point data.	R&D Lab Associate (Intern) March 2017 - June 2017
	Cupitor Consulting St. Paul, MN Handled and analyzed client datasets for business valuation cases using Microsoft Access, Microsoft Excel, and SQL Server.	Data Analyst 2013 - 2014
Research	**Taxonomic Curriculum Learning** Developed a taxonomic variant of curriculum learning, in which data labels are trained on in a coarse to fine manner.	2016
	Fine-Grained Classification With Non-Expert Labels Developed a technique for improving fine-grained classification of objects using coarse data labels.	2016
Relevant Coursework	**Machine Learning**: Introduction to Data Mining, Mathematical Modeling, Learning Systems, Neural Computation, Machine Learning and Data Mining, Advanced Topics in Machine Learning, MILA Deep Learning/Reinforcement Learning Summer School 2016, 2017	
	Neuroscience: Introduction to Neuroscience, Introduction to Computation and Neural Systems, Brain Circuits, Topics in Systems Neuroscience, Introduction to Vision	
Teaching	Neural Computation, Caltech (Teaching Assistant, Guest Lecturer) *Lectures: Convolutional Neural Networks, Biological Inspiration*	2015, 2016
	Machine Learning & Data Mining, Caltech (Guest Lecturer) *Lectures: Deep Learning, Convolutional Neural Networks*	2017
Reviewing	CVPR 2017, ICCV 2017	
Associations	ACM, DOLCIT (Caltech)	
Languages	Python, MATLAB, C++	
DL Libraries	PyTorch, Tensorflow, Keras, Theano, Caffe	
Awards	NSF Graduate Research Fellowship Honorable Mention	2016
	Kunzel Fellowship, Caltech	2014 - 2015
	Dean's List, University of Minnesota	2010 - 2014
	Summer Undergraduate Research Fellowship, Caltech	2013
	Eagle Scout Award, Boy Scouts of America	2010