

# Joseph L. Marino

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