

# 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>Work Experience</b>	<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>University of Minnesota Physics Department</b> Minneapolis, MN Worked directly with students, helping them learn how to solve introductory physics coursework problems.	Tutor 2013
	<b>NOvA Lab</b> Minneapolis, MN Helped design and build neutrino detectors for Fermilab's large-scale NOvA experiment.	Research Assistant 2011 - 2012
<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)	2015, 2016
	<b>Guest Lectures:</b> Convolutional Neural Networks, Biological Inspiration	
<b>Languages</b>	Python, MATLAB, C++	
<b>Libraries</b>	Keras, Theano, Tensorflow, Torch, Lasagne, Caffe	
<b>Associations</b>	ACM, DOLCIT (Caltech)	
<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