

EDUCATION

School of Artificial Intelligence

April 2019 – July 2019

Pi School, Pi Campus, Rome, Italy (one of 20 merit-based full scholarships)

Thesis: Predicting failures in medium voltage lines from sequence of SCADA events. (Sponsored By enel)

Concentrations: Deep Learning, categorical time series prediction, anomaly detection (supervised and unsupervised), generative models, embedding methods.

Advisors: professor *Mentor*.

GPA: 18.79 / 20.00

Ph.D. in Artificial intelligence

September 2007 – February 2014

Azad University, Science and Research Branch, Tehran Iran

Thesis: Jobs interaction theory to train hyper-parameters of the cultural optimization algorithm.

Concentrations: cultural optimization algorithm, neural network, multi-agent system, derivative-free learning algorithm, feature extraction.

Advisors: professor *Mentor*.

GPA: 18.79 / 20.00

M.Sc in Artificial intelligence

September 2005 – September 2007

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Thesis: multi-objective optimization to train neural networks and neuro-fuzzy systems.

Concentrations: multi-objective optimization, neural network and fuzzy system, combination of both derivative-base and derivative-free learning algorithms to prevent vanishing and exploding of gradient, and overfitting.

Advisors: professor *Mentor*.

GPA: 18.08 / 20.00

B.Sc. in Computer Software Engineering

September 2001 – July 2005

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Thesis: implementation of an automation system for the dairy industry.

Concentrations: RUP methodology, data base management, SQL, object oriented programming, designing algorithm, data structure, Java, Visual C++.

Advisors: professor *Mentor*.

GPA: 18.36 / 20.00

