



# Giorgia Adorni

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<b>Current position</b>	09/2020-Today	<b>Phd in Informatics at Dalle Molle Institute for Artificial Intelligence (IDSIA), USI-SUPSI (Lugano, Switzerland)</b> <ul style="list-style-type: none"><li>Intelligent Tutoring and Assessment Systems in Education</li><li>Fields of research: Intelligent Tutoring Systems, AI for Autonomous Robotics, Computational Thinking, Educational Robotics, Computer Science Education, Learning Technologies, Human-Robot Interaction</li></ul>
<b>Teaching experiences</b>	09/2021-Today	<b>Teaching assistant at USI - Università della Svizzera italiana (Lugano, Switzerland)</b> <ul style="list-style-type: none"><li>Course taught: Data Analytics (EN), under the supervision of professor Fabio Crestani, for first and second year Informatics and AI master students</li></ul>
	09/2019-11/2020	<b>Teaching assistant at Università degli Studi di Milano-Bicocca (Milan, Italy)</b> <ul style="list-style-type: none"><li>Course taught: Probability and Statistics (ITA), under the supervision of professor Fabio Stella, for second year computer science bachelor students</li></ul>
<b>Education</b>	09/2019-11/2020	<b>Master of Science in Informatics, Double Degree, USI - Università della Svizzera italiana (Lugano, Switzerland)</b> <ul style="list-style-type: none"><li>Final dissertation title: <i>Simulation of robot swarms for learning communication-aware coordination</i></li><li>Overall evaluation: summa cum laude (average grade 9.07)</li><li>Focus on Machine Learning, Artificial Intelligence, Deep Learning, Robotics</li><li>Thesis work available at: <a href="https://github.com/GiorgiaAuroraAdorni/learning-robot-swarm-controllers">https://github.com/GiorgiaAuroraAdorni/learning-robot-swarm-controllers</a></li></ul>
	09/2018-10/2020	<b>Master of Science in Computer Science, Double Degree, Università degli Studi di Milano-Bicocca (Milan, Italy)</b> <ul style="list-style-type: none"><li>Final degree mark: 110L/110</li><li>Focus on Machine Learning, Data Analytics, Probabilistic Models for Decisions</li></ul>
	09/2015-07/2018	<b>Bachelor of Science in Computer Science, Università degli Studi di Milano-Bicocca (Milan, Italy)</b> <ul style="list-style-type: none"><li>Final dissertation title: <i>Neural networks for learning personality traits from natural language</i></li><li>Thesis grade: 5/5</li><li>Final degree mark: 105/110</li></ul>
<b>Professional experience</b>	11/2018-05/2019	<b>Data Scientist intern as at Digital 360 - partner4innovation (Milan, Italy)</b> <ul style="list-style-type: none"><li>Preparation and analysis of large amounts of data using R and PowerBI</li><li>Optimisation of business processes through Process Mining techniques, using ProM and Apromore</li><li>Development of Machine Learning models with TensorFlow in Python.</li><li>Creation of chatbots with Dialogflow</li></ul>
	03/2018-07/2018	<b>Machine Learning researcher at MAD Laboratory, Università degli Studi di Milano-Bicocca (Milan, Italy)</b> <ul style="list-style-type: none"><li>Working on a Text Mining problem with TensorFlow in collaboration with researchers from the departments of Computer Science and Psychology</li></ul>
	06/2017-07/2018	<b>Tutor of the University computer labs, Università degli Studi di Milano-Bicocca (Milan, Italy)</b> <ul style="list-style-type: none"><li>Students support during courses and exams</li><li>IT technical assistance to students and professors</li></ul>
<b>Languages skills</b>	<b>Italian</b> mother-tongue; <b>English</b> C1; <b>Spanish</b> A2; <b>French</b> A1.	
<b>IT skills</b>	<ul style="list-style-type: none"><li>Development Tools: Git, Docker, Bash, Gitlab CI/CD, GitHub, Kubernetes;</li><li>Web Development: HTML/CSS, MySQL, PostgreSQL, JavaScript, React;</li><li>Programming Languages: Python, Java, R;</li><li>Scientific Languages: LaTeX, MATLAB, Mathematica;</li><li>Machine Learning: PyTorch, TensorFlow, Keras;</li><li>Tools: Jupyter, Numpy, Pandas, Seaborn;</li><li>Robotics: ROS, Gazebo, Enki;</li><li>Others: Common Lisp, Prolog, Dialogflow, PowerBI, Signavio, ProM, Apromore;</li></ul>	
<b>Additional information</b>	Interests	Photography, Drones, Cycling, Swimming, Music