

**DICHIARAZIONI SOSTITUTIVE DI CERTIFICAZIONI**

(art. 46 D.P.R. n. 445/2000)

**DICHIARAZIONI SOSTITUTIVE DELL'ATTO DI NOTORIETÀ**

(art. 47 D.P.R. n. 445/2000)

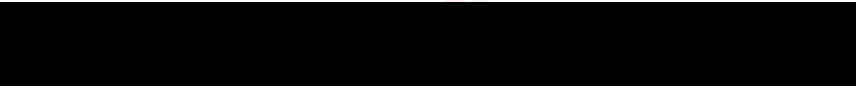
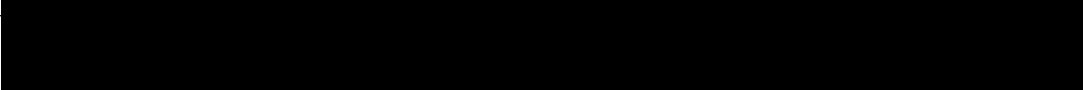
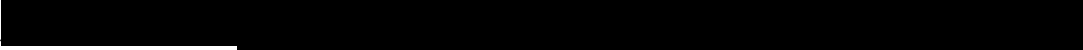
..L. sottoscritt.

**COGNOME** PRIORELLI  
(per le donne indicare il cognome da nubile)

**NOME** MATTEO

**NATO A:** PERUGIA **PROV.** PG

**IL** 02/09/93

**ATTUALMENTE RESIDENTE A:**   
**INDIRIZZO**   
**TELEFONO** 

Visto il D.P.R. 28 dicembre 2000, n. 445 concernente "T.U. delle disposizioni legislative e regolamentari in materia di documentazione amministrativa" e successive modifiche ed integrazioni;

Vista la Legge 12 novembre 2011, n. 183 ed in particolare l'art. 15 concernente le nuove disposizioni in materia di certificati e dichiarazioni sostitutive (\*);

Consapevole che, ai sensi dell'art.76 del DPR 445/2000, le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono punite ai sensi del Codice penale e delle leggi speciali vigenti in materia, dichiara sotto la propria responsabilità:

**che quanto dichiarato nel seguente curriculum vitae et studiorum  
comprensivo delle informazioni sulla produzione scientifica  
corrisponde a verità**

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## Skills

Languages: Italian, English

Programming languages: Python, Matlab, C, Java, Javascript

WebDev: HTML, CSS

Advanced knowledge in Neural Networks and Reinforcement Learning

## Profiles

### About me

Hi, my name is Matteo Priorelli.

My study on the field of artificial intelligence focused on both symbolic AI and machine learning, in particular neural networks, reinforcement learning and bayesian models.

I have also acquired advanced knowledge on kinematic and dynamic models, SLAM, trajectory planning and advanced control schemes, applied to control static industrial manipulators and autonomous and mobile robots.

My master's thesis was conducted at the Biorobotics Institute from Sant'Anna School of Advanced Studies in Pisa, partner of the Human Brain Project. My work focused on the simulation of the basal ganglia, which have been tested on navigation tasks using the Neurorobotics Platform.

This project gave me the opportunity to study the basic concepts of neuroscience, computational neuroscience and spiking neural networks.

I then further explored these fields by working at the Biorobotics Institute as a reaserch assistant on neurorobotics, and by attending to a summer school in computational neuroscience.

My main interests are in artificial intelligence (machine learning in particular), neurorobotics and computational neuroscience.

### Education

2020	Summer School in Computational Neuroscience Neuromatch Academy	
2016-2019	M.Sc. in Artificial Intelligence and Robotics University of Sapienza, Rome Thesis: Simulation of an actor-critic based basal ganglia model on navigation tasks	110/110
2012-2016	B.Sc. in Automation Engineering Alma Mater Studiorum, Bologna Thesis: Simulazione e controllo di un impianto a due ascensori con funzioni intergate di Safety su piattaforma B&R	98/110
2007-2012	Diploma in Scientific High School Liceo Scientifico T.C.O., Fermo	93/100

### Experience

2019-2020	Research Assistant in Neurorobotics The Biorobotics Institute - Scuola Superiore Sant'Anna, Pisa
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### Publications

2019	Priorelli M., Kirtay M., Albanese U., Vannucci L., Laschi C., Stoianov I. P., Pezzulo G., and Falotico E., Spatial navigation via deep reinforcement learning in the Neurorobotics Platform, 1st Italian Conference on Robotics and Intelligent Machines.
2019	Priorelli M., Kirtay M., Albanese U., Vannucci L., Laschi C., and Falotico E., Spatial navigation in the Neurorobotics Platform by using a sensor-equipped mobile robot, 4th HBP Student Conference on Interdisciplinary Brain Research