ALLEGATO B

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: [redacted]

INDIRIZZO [redacted]

TELEFONO [redacted]

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

[redacted]IRMA

... [redacted] .....

[redacted]

M
[redacted]

Skills

Languages: Italian, English

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

WebDev: HTML, CSS

Advanced knowledge in Neural Networks and Reinforcement Learning

Profiles

[redacted]

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 — 110/110
University of Sapienza, Rome
Thesis: Simulation of an actor-critic based basal ganglia model on navigation tasks

2012-2016 B.Sc. in Automation Engineering — 98/110
Alma Mater Studiorum, Bologna
Thesis: Simulazione e controllo di un impianto a due ascensori con funzioni intergate di Safety su piattaforma B&R

2007-2012 Diploma in Scientific High School — 93/100
Liceo Scientifico T.C.O., Fermo

Experience

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

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

BOLOGNA, 23/09/20

[redacted]