

Alice Nardelli

- *Born in , Italy, the 13 June 1998*
- *Residence:*
- *Phone:*
- *Mobile:*
- *E-mail:*

Course of Study

-PhD in Bioengineering and Robotic

*University of Genoa, Italy
From October 2022 to now
Social Robotics,
Robot Personality*

-Collaboration in IIT at COgNiTive Architecture for Collaborative Technologies unit

*From October 2022 to now
Cognitive Architectures for industrial robots*

-Internship in IIT at COgNiTive Architecture for Collaborative Technologies unit

From February 2022 to October 2022

Master Thesis project about Working Memory in robotics

-Master Degree in Robotics Engineering

University of Genoa, Italy

From september 2020 to October 2022

Advanced Programming for robotics

Control and Mechanical of robot

Machine Learning

Artificial Intelligence

Flexible Manufacturing

Software Architecture

Robot Navigation

-Bachelor degree in Biomedical Engineering with 110 e Lode

Degree date: 24 Luglio 2020

University of Genoa, Italy

Geometry

Chemistry

Physic

Mathematics

Biomedical Instrumentation

Signal Processing

Automatic Control

Electric Communication

- IANUA school

University of Genoa, Italy

Science for the Society and the Information

Seminars and Conferences

Mathematics applied to medicine

Right

Quantistic Computing

People Management

-Linguistic High School

Grazia Deledda High School, Genoa (Italy)

From 2013 to 2017

Deep study of English, Chinese and French

Personal Experiences

-Scholarship HangBan

University of Shanghai, Shanghai (China)

August 2014

Chinese language and culture

-Conlan, Consultancy & Language

Chester (U.K.)

August 2016

English language course

-Sci-Roc Competition

Bologna

September 2021

Robotic Competition

-winner of Erasmus scholarship year 2021/22

Publications

--Nardelli, A, Sgorbissa, A.& ., Recchiuto, C. (2024, May). Personality- and Memory-Based Software Framework for Human-Robot Interaction. In *2024 IEEE International Conference on Robotic and Automation (ICRA)*.

--Nardelli, A., Recchiuto, C., & Sgorbissa, A. (2023, August). A Software Framework to Encode the Psychological Dimensions of an Artificial Agent. In *2023 32nd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)* (pp. 1711-1718). IEEE.

-Berotat, J., Landolfi, L., Pasquali, D., Nardelli, A., & Rea, F. (2023). Remember me- user-centered implementation of working memory architectures on an industrial robot. *Frontiers in Robotics and AI*, 10.

-Landolfi, L., Pasquali, D., Nardelli, A., Berotat, J., & Rea, F. (2023). Working Memory Based Architecture for Human-Aware Navigation in Industrial Settings.

-Trombini, M., Ferraro, F., Nardelli, A., Vestito, L., Schenone, G., Mori, L., ... & Dellepiane, S. (2021, November). On the performance assessment during the practice of an exergame for cerebellar ataxia patients. In *2021 43rd Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC)* (pp. 5747-5751). IEEE.

Personal Knowledge

-Languages

English, level C1

Chinese, level B2

French, level B2

-Certifications

First Cambridge certification

HSK4

HSKK

DELF A1

-Programming Languages

Office Package

C

C++

C#

Matlab

SQL

Visual Studio

Python

ROS, ROS2

Docker

PDDL, PDDL2.1

Programming Simulation

Gitlab and GitHub
Machine Learning
Deep Learning
Artificial Intelligence
Robotics Software Architectures

-driving license B

Attitudes

- Excellent problem-solving skills*
- Excellent teaching skills*
- Excellent Teams work skills*
- Excellent organization capacity*

Personal datas

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n.196 "Codice in materia di protezione dei dati personali"

Alice Nardelli