

# 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*