




Luciana Silo

 Sapienza, University of Rome
Italy (Work)

EDUCATION AND TRAINING

2008 – 2013 Frosinone, Italy

Scientific High School diploma Scientific High School
"Leonardo Da Vinci"

Address Viale S. Domenico, 5, Frosinone, Italy

2013 – 2017 Roma, Italy

Bachelor's degree in Computer and Automation Engineering Sapienza, University of Rome

Address Piazzale Aldo Moro, 5, Roma, Italy

10/06/2021 Roma, Italy

24 CFU certificate relating to basic skills in anthropo-psycho-pedagogical disciplines and in teaching methodologies and technologies Sapienza, University of Rome

Address Piazzale Aldo Moro, 5, Roma, Italy

2018 – 2021 Roma, Italy

Master's degree in Engineering in Computer Science Sapienza, University of Rome

Address Piazzale Aldo Moro, 5, Roma, Italy

11/2021 – CURRENT Roma, Italy

PhD Student in Artificial Intelligence - National Program Sapienza, University of Rome

Address Piazzale Aldo Moro, 5, Roma, Italy | **Website** https://phd.uniroma1.it/web/SILO-LUCIANA_nP1586010.aspx

03/12/2021 Roma, Italy

Qualification to the profession of Information Engineer Sapienza, University of Rome

Address Piazzale Aldo Moro, 5, Roma, Italy

16/02/2022 Roma, Italy

Certificate of suitability with verification for 4 CFU of the technical-scientific writing course Sapienza, University of Rome

Address Piazzale Aldo Moro, 5, Roma, Italy

13/06/2022 – 17/06/2022 Barcelona, Spain

Certificate of Participation in the 19th EURAI advanced course on AI and 2nd TAILOR summer school Universitat Politècnica De Catalunya

Address Placa d'Eusebi Guell, 6, Barcelona, Spain

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

Other language(s):

English

Listening
B2

Reading
B2

Spoken production
B2

Spoken interaction
B2

Writing
B2

French

Listening
A2

Reading
A2

Spoken production
A2

Spoken interaction
A2

Writing
A2

DIGITAL SKILLS

Microsoft Office, Microsoft Word, Microsoft Excel, Outlook, Facebook, Google | HTML5/CSS, Javascript | Python | Java | C | Ruby on Rails | Android App Development (Android Studio) | SQL | Virtual Machines (Virtual Box, VMware) | Linux | LaTeX | Assembly x86 | SWI-Prolog | d3.js | TensorFlow | Pytorch | Keras | UNIX System programming | Cisco Configurations

ADDITIONAL INFORMATION

Publications

● **Digital Twins Composition via Markov Decision Processes** 2021

Paper presented at ITBPM@BPM, 2021, vol. 2952, pp. 44–49.

Link <https://iris.uniroma1.it/handle/11573/1611250#.Yhzyt-jMJPY>

● **Digital Twins Composition via Markov Decision Processes** 2022

Paper presented at Ital-IA 2022

● **Modeling resilient cyber-physical processes and their composition from digital twins via Markov Decision Processes**

2022

Paper presented at PMAI@IJCAI 2022

Driving Licence

● **Driving Licence:** B

Projects

● **Implementation of an online school electronic register** Bachelor's degree thesis project.

● **SmartSchool** Project for the Human-Computer Interaction course and for the Mobile Application and Cloud Computing course

● **Speech emotion classification using LSTM** Project for Neural Network course

● **Virtual Machine "Matrix" hacking** Project for System and Enterprise Security course

● **Digital Twins Composition via Markov Decision Processes** Master's degree thesis

Link <https://github.com/luusi/stochastic-service-composition>

● **Modeling resilient cyber-physical processes and their composition from digital twins via Markov Decision Processes** Project of paper presented at PMAI@IJCAI 2022

Link <https://github.com/luusi/stochastic-service-composition-with-Itlf-goals>

Hobbies and interests

● **Hobbies** I love the sporting life. I have practised swimming and Latin American dance at a level for several years amateur, in recent years I have practised volleyball and padel. I love going long walks in nature, in the company of my camera that I have learned to use self-taught. I like everything that is culture and learning, for this reason, I read many books, listen to music and travel as soon as I can.

Communication and interpersonal skills

● **Excellent interpersonal and exhibition skills** Development of numerous projects shared in university, in which I was able to play both a role in a dynamic way

coordinative, organizational and work management

● **Collaborative atmosphere** Strongly empathic and very inclined to listen

● **Excellent memory attention and analytical skills** Recognized by teachers and colleagues in the university environment.

● **Open-minded and good relationships with people of different nationalities and cultures** Thanks to the course of master's degree that I attend, in English, open to cultures from all over the world. I have often developed projects with university colleagues of different nationalities.

● **Able to handle stressful situations** Due to homework deliveries university in very tight deadlines.

Personal data processing

● **Personal data processing**

This curriculum is intended for the purpose of publication.

I authorize the processing of my personal data pursuant to legislative decree n° 196 of 30 June 2003 "Code regarding the protection of personal data".