



# Giacomo Longo

## WORK EXPERIENCE

02/2020 – 06/2020 Genova, Italy

**TEACHER** LICEO SCIENTIFICO LEONARDO DA VINCI

Courses in "Statistical analysis and data mining" and "Coding and robotics"

04/2020 – 10/2020 Genova, Italy

**INTERN** ERICSSON TELECOMUNICAZIONI S.P.A.

Development of a BDD testing framework for the Ericsson Fronthaul 6000 series appliances

11/2021 – 11/2022 Chiavari, Italy

**TEACHER** STELMILIT - SCUOLA TELECOMUNICAZIONI FORZE ARMATE

Course in "Network forensics" (2021, 2022)

11/2021 – 11/2022

**UNIVERSITY TEACHING ASSISTANT** UNIVERSITY OF GENOVA

Virtualization and Cloud Computing (2021-2022)

01/03/2023 – 01/08/2023 Thun, Switzerland

**EXCHANGE STUDENT** FEDERAL OFFICE FOR DEFENCE PROCUREMENT - CYBER DEFENCE CAMPUS (ARMASUISSE)

Security of transportation systems (avionics and maritime)

## EDUCATION AND TRAINING

2011 – 2016 Rapallo, Italy

**HIGH SCHOOL DIPLOMA** I.I.S.S. F. Liceti

**Final grade** 98/100

2016 – 2019 Genova, Italy

**BACHELOR'S DEGREE IN COMPUTER ENGINEERING (L-8)** University of Genova

**Final grade** 101/110

2019 – 23/07/2021 Genova, Italy

**MASTER'S DEGREE IN COMPUTER ENGINEERING (LM-32)** University of Genova

**Final grade** 110/110 cum laude

2021 – CURRENT Roma, Italy

**NATIONAL PHD PROGRAM IN ARTIFICIAL INTELLIGENCE FOR SECURITY AND CYBERSECURITY**  
University of Rome - Sapienza

## LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## ● ADDITIONAL INFORMATION

### PUBLICATIONS

[Training the Maritime Security Operations Centre Teams](#) – 2022

IEEE CSR Workshop on Maritime Cyber Security (MCS)

[Collision-avoidance Capabilities Reduction After a Cyber-Attack to the Navigation Sensors](#) – 2022

International Ship Control Systems Symposium

[Enabling Real-Time Remote Monitoring of Ships by Lossless Protocol Transformations](#) – 2022

IEEE Transactions on Intelligent Transportation Systems

[LiDiTE: a Full-Fledged and Featherweight Digital Twin Framework](#) – 2023

IEEE Transactions on Dependable and Secure Computing

[MaCySTe: A virtual testbed for maritime cybersecurity](#) – 2023

Elsevier SoftwareX

[Attacking \(and Defending\) the Maritime Radar System](#) – 2023

IEEE Transactions on Information Forensics and Security