

Francesco CHIARIELLO

IDENTIFICATION

CURRENT LOCATION: Rome, Italy
PLACE AND DATE OF BIRTH: Caserta, Italy | 15 Oct 1993
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EDUCATION

OCTOBER 2022 | PhD in Engineering in COMPUTER SCIENCE
Sapienza, University of Rome
Advisor: Giuseppe DE GIACOMO

MAY 2019 | Master of Science in Engineering in ARTIFICIAL INTELLIGENCE AND ROBOTICS
Sapienza, University of Rome
Thesis: "Visual Search for Mobile Robots via Deep Reinforcement Learning" | Advisor: Fiara PIRRI
110/110 *con lode*

JUNE 2016 | Bachelor's Degree in MATHEMATICS
University of Naples Federico II
Thesis: "RSA - un sistema di crittografia a chiave pubblica" | Advisor: Maria DE FALCO
110/110 *con lode*

2012 | High School Diploma in SCIENTIFIC STUDIES
Liceo Scientifico di Sant'Antimo
Attending advanced extracurricular courses in mathematics and chemistry
Scholastic champion in both mathematics and chemistry

EXPERIENCE

JAN-SEP 2019	Research Assistant at ALCOR LAB, DIAG (Dipartimento di Ingegneria informatica automatica e gestionale Antonio Ruberti), Rome, Italy <i>“Realizzazione di algoritmi profondi per l'apprendimento con ricompensa per la ricerca di attrezzi in ambiente industriale, con tipologia degli spazi non specificata”</i>
SPRING 2019	Teaching Assistant at DIAG, Rome, Italy <i>Deep Learning for Computer Vision</i>
OCT-DIC 2018	Intern at OCADO, Hatfield, Hertfordshire, UK <i>Robotics Team</i>
JAN-MAR 2015	Teaching Assistant at LICEO SCIENTIFICO LAURA BASSI, Sant'Antimo, Naples, Italy <i>Mathematics and Physics</i>
2012-2015	Pioniere at CROCE ROSSA ITALIANA, office in Carditello, Naples, Italy

LANGUAGES

ITALIAN:	Mother tongue
ENGLISH:	Full professional proficiency
ESPERANTO:	Elementary proficiency (Unuagrada Studatesto, 27/30)

COMPUTER SKILLS

Programming Languages:	Python, MATLAB, Java, Fortran, JavaScript, C++ , Prolog
Markup Languages:	LaTeX, html5
Machine Learning Libraries:	TensorFlow, Keras, Scikit-learn, NLTK
Graphics Libraries :	WebGL, Three.js
Scientific Computing Libraries:	NumPy, Pandas, Matplotlib, SciPy

INTERESTS AND HOBBIES

I'm interested in all the aspects of cognition with a focus on Artificial Intelligence perspective and robotics applications. Since its resemblance to a primitive form of *general* AI my focus is currently on the deep reinforcement learning community. I'm also intrigued by autonomous vehicles as testbed for these algorithms.

During the spare time I like to read blog posts or listen to podcasts about personal growth, practical philosophy and positive psychology.