



Francesco Taurone

Curriculum vitae

General information

Born in Bologna, 20 December 1994;
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Cell: (+39)3349310961.

Education

- 2005–2008 **Secondary school of I level**, *Bologna*.
Grade: *excellent*.
- 2008–2013 **Scientific diploma**, *Liceo A.B. Sabin, Bologna*.
Grade: *100/100*.
○ Thesis: "The future today: quantum teleportation".
- Sept 2013 **University admission test for engineering curriculum**, *Alma Mater Studiorum, Bologna*.
Ranked 10th in Bologna, 4th for automation.
- Sept 2014 **Academic year spent in Tongji University** “同济大学”, *Shanghai, China*.
July 2015 For double bachelor degree program in Automation engineering.
○ 1st out of 12 for the admission to the program.
- Sept 2016 **Additional semester spent in Tongji University** “同济大学”, *Shanghai, China*.
Feb 2017 For internship and thesis discussion with the Chinese commission

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- 2013–2017 **Double bachelor degree in "Automation Engineering" (*taught in English*)**, *Bologna/Shanghai*.
 o Italian degree: July 2016, 110/110 cum laude;
 o Chinese degree: January 2017, 110/110 cum laude.
 Thesis: Design of an AC inductor for phase shifted zero voltage switching converter.
- Sept 2017 **Master degree in "Automation Engineering", international curriculum**, *Alma Mater Studiorum, Bologna*.
 Master degree taught in English.
- Sept 2017 **Alumnus of "Collegio Superiore"**, *Alma Mater Studiorum, Bologna*.
 School of Excellence in University of Bologna, part of the Institute for Advanced Studies (ISA).

Work experiences

- Feb 2012 **Cultural exchange** between Italy and Holland, 2 weeks spent in Holland with Dutch families.
- July 2013 **"From School to Job" project** (Organized by A.B.Sabin high school), *Bologna*.
 1 month internship in ARPA Emilia Romagna as data analyst.
- 2016 / 2018 **300 hours as part-time job for the University**, *Bologna*. Reception activities and library assistant.
- Sept 2016 **Internship, with Ilum China 意路姆**, *Shanghai*.
 Feb 2017 Company involved in the design, installation e management of photovoltaic power plants in China.
- Feb 2017 **Internship, at Datalogic**, *Monte San Pietro, Bologna*.
 July 2017 Development of the manual for a new laser scanner, support to tests and management of the product.
- July 2017 **Summer job**, *Höljes, Sweden*.
 1 month as volunteer farm hand for a local family, woods maintenance and animals daily care (through HelpX web page).
- Feb 2018 **Computer Vision project, at T3Lab**, *Bologna*.
 Face Recognition project based on Deep Learning for safety purposes.
- Sept 2018 **Open Innovation Program, CBI project, at CERN & Almacube**,
 Feb 2019 *Geneva and Bologna*.
 Collaboration between University of Bologna and CERN researchers for the development of innovative solutions to daily problems. Team: "Housing for old people"
 o 3 weeks at CERN
 o Seminars and weekly courses in Design Thinking
 o Collaborations with 15 companies interested in the project
 o Creation of "Magna", a meal sharing platform for elders and university students

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Languages

Italian	Mother tongue	
English	Advanced	<i>IELTS (2016), mark: 7.5</i>
Chinese	Good	<i>HSK4 certificate (B2 equivalent).</i>
German	Basic	<i>A1+ course ongoing.</i>

Awards and recommendations

- 2013 **Recommended for "Collegio Superiore"** Bologna, by A.B. Sabin high school.
- 2014 **"Youth Merit Award" by Rotary Club in Bologna**, for scholastic proficiency.
- 2016 **Excellence scholarship**, University of Bologna, based on academic results.
- 2018-2019 **"Collegio Superiore" scholarship**, Università di Bologna

Extracurricular activities and interests

- 2012 **International Masterclasses 2012**, INFN in Bologna (National institute for nuclear physics). Title: "Quark and leptons realm with real data."
- 2013 **"Robot @mico": Introductory robotics course**, Comune di Bologna, held by automation engineering students.
- 2013 **Robotics course: introduction to Arduino**, A.B.Sabin high school, Bologna.
- 2017-2019 **Courses and Seminars with "Collegio Superiore"**, Bologna. Parallel interdisciplinary study plan for the obtainment of the "Collegio Superiore" license. It includes lectures from visiting professors and evening courses.
- Guitar** With teaching activities for children from 7 to 17 years old.
- Ultimate Frisbee** Italian and European tournaments.
- Scout** Agesci, today chief scout for the Bologna17 group
- Entertainer** For birthday parties from 6 to 12 years old and summer camps.
- Audio book recording** "Spoon River anthology" by Edgar Lee Masters, in collaboration with A.B.Sabin high school.

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