



Luca Garbi

Curriculum Vitae

PERSONAL DETAILS

<i>Birth</i>	June 2, 1998
<i>Address</i>	Sella Giudicarie, Italy
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EDUCATION

Bachelor's Degree in Physics **2017-present**
University of Trento, Italy
Attending my final year of bachelor's studies in Physics.

Secondary School Diploma in Classics **2012-2017**
Lyceum "G. Prati", Trento (Italy)
Attended classical studies with 3 years focus on Natural Science.

WORK EXPERIENCES

Student tutor **2017 - present**
Trento, Italy
Job on call throughout the year, tutoring middle and high school students.

Teaching Laboratories Collaborator **02/2019 - 01/2020**
University of Trento, Italy
Part-time collaboration to support and supervise the didactic laboratories of the Physics Department. (Competition notice "150-hour 2018/'19")

Front office executive and sales **2017-2018**
Hotel Collini, Pinzolo, Italy
Full-time job as front office executive and sales appointee. Covered both winter and summer seasons during the 1st year of BSc.

Bartender and handyman **2016**
The Prince of Greenwich Pub, London, UK
Four months of full-time job over summer break as a bartender and maintainer during off-duty hours.

Bricklayer apprentice **2015**
Via Pavarum, Grimaud, France
Four months of full-time job over summer break as Pavè and cobble stone layer in the family company.

SKILLS

<i>Languages</i>	Italian	native language
	English	proficient
	French	intermediate

<i>Technical</i>	<i>Programming</i> <ul style="list-style-type: none">• PYTHON used extensively for data analysis (also during laboratory courses) and simulations. Accustomed to the scientific stack (<code>numpy</code>, <code>pandas</code>, <code>matplotlib</code>, ...);• MATLAB broad knowledge, mainly on the solution of ODE and PDE;• C++/Cgood user, both for microcontrollers and computational simulations;• MQL4/MQL5 used for developing TS and Expert Advisors;• LINUX user for years;• L^AT_EX and GIT long-time user, the second one to manage and collaborate on projects and notes (github.com/odusseio).
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	<i>Electronics</i> <ul style="list-style-type: none">• Capabilities in developing and testing electronic circuits such as discrete and operational amplifiers, passive and active filters or oscillators;• Board development and implementation (Arduino et sim.);• Good knowledge on transmission lines and digital systems.
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<i>Experiences</i>	During my various work experiences I had the the opportunity to prove myself as a versatile communicator and valid problem solver, able to adapt and also work in a team. I widened further the teamwork experience through both my experience as a volunteer firefighter and extracurricular projects, some of them being IoT and domotics implementations or physical systems simulations (e.g. a particle accelerator, the Swinging Atwood's machine, molecular dynamics etc.).
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<i>Certificates/licenses</i>	<ul style="list-style-type: none">• IELTS Certificate - Band 8 (British Council);• Winter School on Physics of the Cell (University of Trento);• ECDL Standard Certificate (ECDL Foundation);• International Masterclass - Hands on Particle Physics (INFN).
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