

curriculum vitae

Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

Fax(es)

E-mail(s)

Nationality

Date of birth

Gender

TARONI NICCOLO'

Corso Emanuele Filiberto 16, 23900 Lecco (LC)

3492172465

niccolo.taroni@si-ita.it

Italian

01 – 05 – 1986

Male

Work experience

Dates

Occupation or position held

Main activities and responsibilities

April 2011 - now

Consultant engineer

Among all the services provided by "Soluzioni Ingegneria" I'm directly involved in:

- Evaluation of risks due to the exposure at noise, mechanical vibrations and chemical agents (Dlgs 81/2008);
- qualified to teaching under the Agreement of "Conferenza Stato Regioni" (21/12/2011) – registered to the "Integrazione e Lavoro" register of professional teachers;
- Measurements of noise or mechanical vibrations (Dlgs 81/2008, ISO 2631, ISO 5349);
- Final report about exposure risk evaluation.
- Design of active control system for noise and vibration reduction
- Development of testing and data analysis methodologies for riding comfort, vehicle drivability, vehicle performances and driving style objectification (collaborations with Pirelli, TUV Sud Italy, KYMCO Ltd.)
- Development of numerical models (dynamical systems, structures, vehicles, etc.) and of data acquisition and post processing codes.
- Certification of fuel, air and electric consumptions, pollutant emissions, dynamical performances, noise and vibrations levels for bus and coaches (collaboration with TUV Sud Italy).

Name and address of employer

Type of business or sector

"Soluzioni Ingegneria", Missaglia (LC)

Engineering consultant company

Education and training

Dates

Title of qualification awarded

Principal subjects/Occupational skills covered

Name and type of organisation providing education and training

Dates

Title of qualification awarded

Principal subjects/Occupational skills covered

September 2011

Qualifying examination to engineers register ("*Esame di stato per l'abilitazione alla professione di ingegnere*")

Registered at the *Ordine degli Ingegneri di Lecco*

Politecnico di Milano and Ordine degli Ingegneri di Lecco

September 2008 – April 2011

Degree in Mechanical Engineering (*5 years degree*). Final mark: 110 *cum laude* /110

Specialization in "*Ground Vehicles*". Graduated presenting the thesis titled: "*Driver's movements influence on the lateral dynamic of a sport motorbike*".

Name and type of organisation providing education and training

Politecnico di Milano

Dates

September 2005 – September 2008

Title of qualification awarded

Bachelor degree in Mechanical Engineering (3 years degree). Final mark: 110 cum laude /110

Principal subjects/Occupational skills covered

Industrial engineering: mechanics, machine design, thermodynamics and heat transfer, modelling and measurement of mechanical system. Graduated presenting the thesis titled: "Study of the dynamic response of a beam with the use of a finite element program in Matlab".

Name and type of organisation providing education and training

Politecnico di Milano

Dates

September 2000 – July 2005

Title of qualification awarded

Scientific High School Degree. Final mark: 100/100

Principal subjects/Occupational skills covered

1. Latin, Italian and English Language and Literature
2. History and Philosophy
3. Mathematics and Physics
4. Biology and Chemistry
5. Design and Art History

Name and type of organisation providing education and training

High school "Liceo Scientifico G.B.Grassi" Lecco

Personal skills and competences

Mother tongue

Italian

Other language

Self-assessment

European level (*)

English:

FCE certification (Mark:B)

Understanding		Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production	
B2	Good	B2	Good	B2	Good	B2	Good

(*) Common European Framework of Reference (CEF) level

Social skills and competences

Good attitude to communication both towards colleagues (discussion and planning of activities, discussion of objectives, strategies and new projects) and customers (communications by phone or mail, presentation of projects). In 2005 I qualified as an assistant scuba diving instructor (PADI), which allowed me to improve communication strategies with other divers even in situations of stress or potential danger.

Organisational skills and competences

Good organizational skills demonstrated in planning the activities at the university and at work. Since 2006 collaborating with "COE-Centro Orientamento Educativo" ONLUS / NGO Barzio (LC) for activities related to volunteering, such as raising funds for international projects and organizations of small multicultural events.

Technical skills and competences

Good manual skills and ability to use workshop tools, demonstrated both within the university thesis project and in vehicle testing activities at work. I use to deal with the maintenance of my motorbike and in 2008 I restored two Moto Guzzi motorbikes. Good knowledge of measuring sensors both theoretical and practical.

Computer skills and competences

Generic Software: Microsoft Word, Excel, Power Point, Internet Explorer, etc.
Mathematical Software: Minitab.
CAD/FEM/Multibody Software: Catia, Solid Edge, Solid Works, Inventor, Abaqus, Adams.
Programming languages: Matlab, Pascal, C++ and basic knowledge of Objective C
"LabView Core I" course attended in July 2010 at National Instruments Italia (Milano)

Artistic skills and competences

Passionate about all kind of music (I studied cello from 1998 to 2003 at the Civic School of Music of Lecco and at the Conservatory of Como).

Other skills and competences	Sport: tennis, scuba diving, snowboard e motorbike.
Driving licence(s)	Driving licence A and B.