

PERSONAL
INFORMATION


Luca Cognigni

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in <https://www.linkedin.com/in/lucacognigni>

Date of birth 08/01/1990 | Nazionalità Italian

QUALIFICATION

Master's Degree in Mechanical Engineering
Thermomechanical Curriculum

Academic Year: 2015/2016

Università Politecnica delle Marche

Final grade: 106/110

Thesis: "Experimental study of a Phase Change Material Thermal Energy Storage system coupled with a heat pump"

Bachelor's Degree in Mechanical Engineering,

Academic Year: 2012/2013

Università Politecnica delle Marche

Thesis: "LCA Analysis of air treatment systems"

WORK EXPERIENCE

September 2016
Present

R&D Laboratory Manager,
Simonelli Group S.p.A.

- R&D of Innovation Projects, from a feasibility study to the working system, through the assembly and testing of several prototypes.
- Performance evaluation of new and existing coffee machines, included power consumption, temperature and pressure consistency, coffee extraction parameters (TDS, extraction yield).
- Performance evaluation of new and existing grinders, included power consumption, grinding speed, and granulometry analysis with a particle size analyzer.
- Test for components approval and validation for new solutions provided by the technical office
- Definition of internal protocols for component testing.
- Test for CE and CSA certification of new products in the company certified laboratory.
- Management and supervision of a lab technician

March 2016
August 2016

Stage after graduation Poltrona Frau S.p.a.

Stage in the Technical Office of Luxury in Motion Division, with the following tasks:

- Analysis of existing tools and machines and support to suppliers for new tools.
- Process review and definition, in collaboration with the Project Manager

February 2015
May 2015

Internship

Centre of Sustainable Technologies, Ulster University, Shore Road, NewtownAbbey, Northern Ireland

Tel. +44 (0)2890366288 – <http://www.ulster.ac.uk>

- Testing, Heat Pumps, Phase Change Materials (PCM), Thermal Energy Storage (TES), Data Analysis

EDUCATION AND TRAINING

November 2018

Sensory Skills Foundation Course Specialty Coffee Association (SCA)

November 2017

Training on Malvern Mastersizer 3000

Use and maintenance of Mastersizer 3000 Particle size analyzer

February 2015
May 2015

Study period abroad - ERASMUS Project

at Ulster University, NewtownAbbey, Northern Ireland

Literature review and Master's Thesis writing, titled:
"Experimental study of a Phase Change Material Thermal Energy Storage system coupled with a heat pump"

2010 - 2016

Scout chief in A.G.E.S.C.I. organization (Volunteering)

This experience gave me the opportunity to develop leading and team working attitudes among a group of adults, and also the ability to manage short and long term projects.

PERSONAL SKILLS AND COMPETENCES

Mother tongue
Other language

Italian

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	C1	B2	B2	B2

English

Organisational skills and competences

- Great organizational and planning skills acquired during my scout-chief experience as a volunteer.
- "Training Course Ecapital 2013" attended at ISTAO institute in Ancona, about Business Plan and communication.