

Gabriele De Pietro

PERSONAL DETAILS :

Name : Gabriele De Pietro

Address : Via San Ruggero Vescovo, 4 - 71044 Margherita di Savoia (BT)

Phone number : +393276248295

E-mail : depietrogabriele@gmail.com

Country : Italy

Date and place of birth : 27/02/1990, Foggia (FG)



EDUCATION AND TRAINING :

Period (from-to) : September 2012- July 2015

Name and type of organization providing education: Polytechnic of Turin

Principal subjects : Gasdynamics, Flight Mechanics, Aerospace Engines, Aerospace Systems and Aerospace Structures

Thesis Title: Dynamic response analysis of metallic and composite structures via advanced beam models and direct integration schemes

Title Achieved: Master's degree in Aerospace Engineering

Degree Mark: 104/110

Period (from-to) : January 2015- May 2015

Name and type of organization providing education: Royal Melbourne Institute of Technology (RMIT), Melbourne, Australia

Principal subjects : Aeronautic Structures, Software Development, Composite Structures.

Period (from-to) : September 2013-March 2014

Name and type of organization providing education: Institut Polytechnique des Sciences Avancées (Paris)

Principal subjects : Satellite Design, Linear and Non Linear Command Systems, Observers and Kalman Filters

Period (from-to) : September 2009- September 2012

Name and type of organization providing education: Polytechnic of Turin

Principal subjects : Mathematical Analysis, Physics, Structural Mechanics, Aerodynamics, Thermodynamics, Elasticity Theory

Thesis Title: Methods of reduction of pollutant emissions for gas turbine combustors

Title Achieved: Bachelor's degree in Aerospace Engineering

Degree Mark: 102/110

Period (from-to) : September 2004- September 2009

Name and type of organization providing education: Second Level of Science "Aldo Moro" of Margherita di Savoia

Principal subjects : Mathematics, Physics, Chemistry, Literature, History, Philosophy

Title Achieved: Secondary School Diploma

Degree Mark: 100/100 cum laude

Period (from-to) : September 2003- September 2008

Name and type of organization providing education: Academy of Music "U.Giordano" of Foggia

Principal subject : Transverse Flute

Title Achieved: Degree in Transverse Flute

Degree Mark: 10/10

PERSONAL SKILLS AND COMPETENCES :

Mother tongue : Italian

Other languages : English

Reading skills: Excellent

Writing skills : Excellent

Speaking skills : Excellent

Other languages : French

Reading skills: Good

Writing skills : Good

Speaking skills : Good

Other languages : Spanish

Reading skills: Good

Writing skills : Good

Speaking skills : Good

Certifications:

IELTS Certificate in English (B2 level), November 2009

DELE Certificate in Spanish (B2 level), October 2014

Social skills : Capability of interacting with other people in multicultural environments, obtained during "Erasmus" European exchange program in Paris and thanks to the attendance of English courses lasting one month in private schools of Cambridge (2013), Canterbury(2008) and Salisbury(2010)

Organizational and managerial skills: Good experience in management of groups and projects, obtained thanks to several projects developed during the academic path, for example a mini-project of an automatic pilot at IPSA of Paris, a mini-project of aeronautic systems of a fifth generation light fighter aircraft at Polytechnic of Turin and the project of a space mission at Polytechnic of Turin with the participation of Massachusetts Institute of Technology. Good experience in organizing social events for students and conferences in the academic environment related to aerospace topics.

Information technology skills :

Excellent use of the operating system Windows and Linux; Good use of all programs of Office suite: Word, Excel, Access, Power Point.

Knowledge of document markup language Latex.

Good ability of using programming languages Fortran and C; knowledge of data analysis languages typically used in the engineering research and design as Matlab, Patran, MSC Nastran and Solidworks.

Artistic skills : Excellent placing in several transverse flute national competitions (in particular 1st place in Transverse Flute contest "Idelmo Poggioli" in Torre Annunziata), participation to a Masterclass with the first flute of "Accademia Santa Cecilia di Roma" ; guitar (amateur level).

Other skills : Competitive level football (Winner in futsal regional championships Under 18, finalist in futsal national championships under 21, selected for a test with the futsal national Italian team under 21, participation in futsal national championships Second Highest Division)

Water polo(amateur level).