




Antonio Di Cristo

Date of birth: 13/04/1988

Nationality: Italian

Gender: Male

CONTACT

 80059 Torre del Greco (NA), Italy (**Home**)

WORK EXPERIENCE

CURRENT Pomigliano D'Arco, Italy

● **Core calibration Lead** Stellantis

Core calibration Leader for gasoline/hybrid engines

03/2019 - CURRENT Pomigliano D'Arco, Italy

● **Calibration Engineering Technical Lead** Stellantis

Calibration Technical Leader for gasoline small engines: Test bench activities scheduling; parts procurment; Calibration plan scheduling, definition of test bench and vehicles activities; Setup and excecution of tests at dyno and roller bench; car trips; management of a small team of base calibration engineer;

Business or Sector Other service activities

08/2017 - 03/2019 Pomigliano D'Arco, Italy

● **Dataset manager and base calibration responsible engineer /gasoline engines** Fiat Chrysler Automobiles

Micro timing plan scheduling, definition of test bench and vehicles activities; Setup and excecution of tests at dyno and roller bench; car trips; management of a small team of base calibration engineer.

Address Pomigliano D'Arco, Italy

02/2014 - 08/2017

● **System development & base calibration engineer** Fiat Chrysler Automobiles,

Base calibration engineer of spark ignition engines with vvt or multi-air system (charge, torque, performances, consumption and emission optimization, planning, execution and post processing of test bench data);creation of doe tests, modeling data and calibration with etas ascmo and moca sw; drafting of base calibration procedure and report, develop and validation of prototype hw; automatic test using PUMA bsq and AVL CAMEO

Address Pomigliano D'Arco, Italy

11/2013 - 01/2014

● **System development & base calibration engineer** Gener al Motors Powertrain Europe

System development & base calibration engineer for-diesel engines: planning, execution and postprocessing of engine test at test bed; automatic tests with CAMEO; consumption and emission optimization; calibrations and tests for euro 6 regulations engines; develop and validation of prototype hw.

Address Torino, Italy

01/2013 - 10/2013

● **System development and advanced research engineer** Altran Italy - AIT department

Consultant Engineer at Fiat Chrysler Automobiles. Test bench experimenter; system development; advanced research on egr lp for spark ignition engines; engine consumption, exhaust emission and performance evaluation; feseability analysis on experimental hw; automatic test with PUMA bsq; post processing of data.

Address Napoli, Italy

EDUCATION AND TRAINING

04/2012 – 12/2012 Napoli, Italy

Testing engineer CNR - Istituto Motori

Trainee - Exhaust gas evaluation, measure and study following European regulations; test of spark ignition engine powered with ethanol/gasoline blends - evaluation of emission, performance, consumption and driveability; focus on exhaust gas emission during cold start and transient condition; study of exhaust gas emission through cumulative curves; calibration and adjustment of roller bench dynamometer - coast down test; Focus on exhaust gas temperature versus exhaust gas emission

Address Napoli, Italy

03/2011 – 12/2012 Napoli, Italy

Master Degree in Mechanical Engineer Ingegneria - Università Federico II

Engineering of artifacts; design, operation and management of machines and equipment; control, management and environmental rehabilitation of industrial processes; assessment exhaust emissions of internal combustion engines; renewable energy sources; thermofluidodynamic of the machines.

Thesis:

"Using of ethanol/gasoline blends for motorcycles of different technology"; thesis helds at the CNR Institute Engines Naples. Evaluation of the emission of fuel consumption and drivability of motorcycles tested on roller benches fed with mixtures of ethanol and gasoline

Address Napoli, Italy | National classification 110/110 cum laude

10/2006 – 03/2011 Napoli, Italy

Bachelor degree in Mechanical Engineer Ingegneria - Università Federico II

Development and production of manufactured; operation and maintenance of machines; scientific content knowledge base; technical physics, machinery, electrical engineering,
Thesis: "Energy optimization of the compression and expansion phases for a Stirling engine alpha type using a Matlab model"

Address Napoli, Italy

09/2001 – 09/2006 Torre del Greco (NA), Italy

High school degree Liceo Scientifico A. Nobel

Address Torre del Greco (NA), Italy | National classification 96/100

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

Other language(s):

English

Listening
C1

Reading
C1

Spoken production
B2

Spoken interaction
B2

Writing
C1

ADDITIONAL INFORMATION

Communication and interpersonal skills

Communication and interpersonal skills Attended course about: team work, power point, communication, workers management, problem solving, risk management and smart working

Job-related skills

Job-related skills

Private teacher of maths and physics for young student (high school and university); waiter for Di Prisco group, via Prota 51-80059 Torre del Greco (Na): dealing with customers, hit target and time, work under stress; general training course on safety for workers; safety course company- high risk; attended course about Catia v5.; soccer player in Turris FC, Leopardi Calcio and Pietro Abbate

06/2021 – CURRENT

Green Belt DFSS Methodology

Green Belt Design for six sigma methodology