

Curriculum Vitae



Personal information

First name / Surname **Simone Tiseo**
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Date of birth 27.11.1988

Education and training

March 2014 – at moment Registration with the **Ordine degli Ingegneri della Provincia of Alessandria** – Classe A – Settore Industriale

April 2013 – February 2014 Registration with the **Ordine degli Ingegneri della Provincia of Turin** – Classe A – Settore Industriale

January 2013 Qualifying examination to engineers register – at **Politecnico di Torino** – Classe A – settore Industriale
Vote 334/400

September 2010 – October 2012 Master degree **Mechanical engineering** - “propulsione terrestre” - at **Politecnico di Torino** – thesis “design of pegging techniques for in-cylinder pressure measurement of automotive diesel engine” - at **General Motors**
Vote 105/110

Description:

In internal combustion engine the signal pressure is measured by piezoelectric transducer, with this transducer there's the necessity to reference the output to absolute pressure (pegging), the thesis regards the study of an appropriate pegging techniques to obtain the actual in-cylinder pressure value

Activity:

- definitions of functional requirements for automotive applications (in-house and out-sourced development)
- calibration procedure for automotive activity
- and calibration tool for automotive activity

Software:

- Matlab
- office (Word , Excel, Powerpoint)

September 2007 - July 2010 Bachelor degree **Mechanical engineering** - at **Politecnico di Torino sede di Alessandria** – thesis “Energy Analysis of a wastewater treatment plant for biogas production” – prof. Romano Borchiellini
Vote 100/110

2002 - 2007 High school degree – at ITIS Giulio Ciampini, Novi Ligure
Vote 90/100

Professional Experience

June 2021 – At moment	<p><u>Freelance Mechanical Engineer – Novi Ligure (AL)</u> – Mechanical Designer and FEA analysis Mechanical Designer of industrial machines FEM analysis of critical component</p> <p>Software: Inventor 2021 Microsoft Office</p>
Ottobre 2018 – May 2021	<p><u>BOBST Italia S.p.a.</u> – San Giorgio Monferrato (AL) – <u>R&D Mechanical Design Engineer</u> – Flexible Packaging Laminating, Coating and Gravure Printing Mechanical designer of Rotogravure Machines Software: Catia V5 SAP Microsoft Office</p>
Dicembre 2017 – Settembre 2018	<p><u>MINO S.p.a.</u> – Alessandria (AL) – <u>Project Management</u> – Rolling Mill Machine Major activity manage the timing of the project and interface between the department of the company</p> <p>Software: Microsoft Project Microsoft Office</p>
January 2016 – November 2017	<p><u>IMA Automation Telerobot S.p.a.</u> – Alessandria (AL) – <u>Mechanical Design Engineer</u> – Cap and Clausures Project Leader, interface with customer and the interface with the supplier, 3D designer and 2D drafter; support for mounting and tuning of the machine.</p> <p>Software: Creo Modelling Pe2 Microsoft Office</p>
November 2013 – December 2015	<p><u>PGS s.r.l.</u> – Arquata Scrivia (AL) – <u>Mechanical Design Engineer</u> – Mechanical design Mechanical designer and component 's FEM analysis of industrial machines</p> <p>Software: Catia V5 Inventor SolidWorks Microsoft Office</p> <p>Project:</p> <ul style="list-style-type: none">- Included in the project for static and fatigue structural testing using FEA and analytical calculation of two motor casing for wind power application (according to "EN 61400-2"), they were verified all threaded connections used in the structure- Inserted in the project for the verification structural static and fatigue, by FEA and analytical calculation, of a hoist and of the relative support structure, with the purpose of to the handling of reels of various materials used in the field of the coupling of the paper- Inserted in the project for the static structural verification by FEA of carpentry structure with purpose of support for an industrial fan
January 2013 – October 2013	<p><u>Altran Italia S.p.a.</u> – Turin (TO) – <u>Consultant Engineer</u> – Automotive</p> <p>Software: Matlab Microsoft Office</p>
January 2010	<p><u>Stage at SINAU MACCHINE SRL</u> – stage – design and construction of plant and machinery in the field of robotics and automation</p> <p>Software : AUTOCAD</p>

Personal skills and competences

Languages English: Good reading skills (B1 European level)
Good writing skills (B1 European level)
Good verbal skills (B1 European level)

Technical skills and competences

Operating system: Windows
Software Office (Word, Excel, Power Point, Outlook, Visio)
Language: Matlab, VBA (Elementary Level)
Software for 3D mechanical design:

- SolidWorks
- CATIA V5r20 e V5r22
- SolidWorks
- SolidWorks "Simulation" Tool
- Autodesk Inventor
- Autodesk Inventor "Simulation" Tool
- Creo Modelling v17
- Creo Drafting
- Creo Annotation

Software for 2D mechanical design:

- Autocad
- Draftsight

Other software:

- Matlab
- Tool Matlab: Simulink (Elementary Level)
- Hypermesh (Elementary Level)
- Ansys
- SAP
- Pe2

Social skills and competences

- Great spirit for teamwork acquired while football experience at the amateur level, sport practiced by youth; attitude reinforced during the college experience and work as I always worked in team work
- Good adaptability acquired through experience of resident students for the achievement of the master degree.
- Ambition and Spirit of Leadership, shown during the experience of mechanical designer I started as a draftsman particularist and I progressed to the position of prime contractor
- Ability to work under stress; experience acquired during the mechanical designer playing the role of leader, I also improve my ability to reliability, flexibility, organizational and management activities related to being added to more customers having to meet deadlines to close projects entrusted.
- The prime contractor experience allowed me to develop a great sense of initiative and improve problem-solving skills as I found myself in the position of having to put in place procedures to prevent it have certain issues or in the position of having to propose one or more customers in certain critical situations that arose during the course of their employment

Additional information

Driver's license B
Available to travel and transfers