GIULIANO URSINO | MECHANICAL ENGINEER

PERSONAL PROFILE...

I'm a Mechanical Engineer with over 6 years of experience in the fields of Product Development, Maintenance, Industrial Processes and CAD Design.
I consider myself as a creative and perseverant person, with great passion about Engineering and problem solving.
New challenges keep me constantly motivated, and I am always open to learn new things!
My goal is to become a top-notch Engineer through the years and contribute with my knowledge to achieve excellence in any Engineering field.

WORK EXPERIENCE...

Nov. 2021
Ongoing

Brainchild Engineering - United States of America (Remote work)
Project Engineer
I work on several product development projects with responsibility on basic and detailed Engineering, prototyping, manufacturing sourcing and transition to mass production.

Main activities:
- Product development, including CAD design;
- Project management and follow-up with worldwide clients;
- Design for prototyping and manufacturing (DFM);
- Manufacturing Sourcing and RFQ.

May 2019
Nov 2021

Upwork - United States of America (Remote work)
3D Design freelancer

Main activities:
- Mechanical and 3D Printing designs;
- Reverse Engineering
- Portfolio: https://www.upwork.com/freelancers/~01541618c1ea88acc8
- Instagram https://www.instagram.com/cg__3d/?hl=es

TECHINT GROUP

Apr. 2018
May 2019

Ternium - Steel Manufacturing Company **-** Buenos Aires, Argentina
Process Engineer

Main activities:
- Process analysis and improvements for strapping and forming lines. Mechanical designs and creation of plans for manufacturing. Contact with suppliers and manufacturers;
- Maintenance tasks definition for lines stops;
- Lines stops and interruptions analysis (operational reasons and mechanical reasons);
- Preparation and implementation of work methods and operational practices including training**.**

Aug.2017
Mar. 2018

Ternium - Steel Manufacturing Company **-** Buenos Aires, Argentina
Maintenance Engineer

Main activities:
- Preventive Maintenance**:** SAP management, control and execution of defined tasks. Materials purchase and codification.
- Coil tail centering project (galvanizing line): Creation of plans, parts fabrication (internal workshop), mounting supervision.

Jan.2017
Apr. 2018

Tenaris - Global Manufacturing Company **-** Buenos Aires, Argentina
Process Technology Assistant

Main activities:
- Radioactive measurement system calibration for Rolling mill. Thickness measurement using ultrasound devices.

- Dimensional product study for Rolling Mill (seamless steel tubes): Diameter analysis for the different manufactured dimensions
- Measurement systems verification: Tubes length manual measurements and improvements implementation.

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AB InBev GROUP

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Sep. 2015 **Cervecería y Maltería Quilmes -** Buenos Aires, Argentina
Dec. 2016 <u>**Senior Packaging Analyst**</u>

Main activities:
- Autonomous Maintenance: Efficiency and failure tracking , management improvements;
- Preforms circuit management : Key performance indicators tracking, operators training, improvement groups;
- 5S implementation;
- Failure analysis.

EDUCATION AND TRAINING..

2018 **Universidad Tecnológica Nacional, Facultad Regional Buenos Aires**
Mechanical Engineering

OTHER TRAINING ACTIVITIES AND CERTIFICATIONS...

- **"3D Design and Modeling with Solidworks"** Official certificate awarded by DSC Ingeniería (Universidad Tecnológica Nacional UTN validated)
- **"Practical Complements with Solidworks"** Official certificate awarded by DSC Ingeniería (Universidad Tecnológica Nacional UTN validated)
- **"Solidworks Simulation (FEA)"** Official certificate awarded by DSC Ingeniería (Universidad Tecnológica Nacional UTN validated)

SKILLS AND COMPETENCES...

Mother tongue Spanish. Fluent **English and Italian.**
- Highly proficient with MS Office (Excel, Word, PowerPoint), email, web browsers, and storing and organizing files in a computer directory.
- 3D printing: FFF/FDM and SLA technologies, parts design and optimization for printing, files conversion, Slicers use to obtain Gcodes, materials knowledge (PLA, ABS, PETG, HIPS, PP, Nylon)
- 3D and 2D design: Reverse engineering, Product design, manufacturing blueprints, Renderings, FEA and CFD simulations.
- CAD programs I mostly use to achieve my goals:
  - CAD Design: Solidworks, AutoCAD, Onshape
  - Reverse Engineering: Geomagic Design X
- 3D Printing (slicers): Prusa Slicer, SuperSlicer, Ultimaker Cura
- Renderings: Keyshot, SW Visualize

HOBBIES...

- 3D Printing
- CAD Modelling
- Boxing
- Guitar

PERSONAL DATA..

BIRTH DATE: October 28th, 1990	**NATIONALITY:** Argentinian and Italian
ADDRESS: Residence: Via Tenente Carella 10, RC, Italy	**DNI:** 35.400.397

OPEN TO RELOCATION