

Alvaro Persichini

MECHANICAL ENGINEER

Background in automotive and industrial projects.
Proficient in CATIA V5 automation using .NET Framework.
Experienced in 3D/2D modeling, technical documentation, and feasibility analysis.
Focused on integrating engineering and software tools to enhance processes.

Portfolio - <https://alvaropersichini.github.io>

Work Experience

Progress Rail - USA (Hybrid) Oct 2024 – Sep 2025

Supported in-process verification (IPV) studies for locomotive production, optimizing stations, reducing errors, and improving process sheets.

Bagbio Servicios - Freelance (Remote) Mar 2024 – Oct 2024

Mechanical designs, 3D/2D documentation, and kinematic simulations.
Automated BOM generation and part property assignment using .NET

Canoo Electric Car - USA (Hybrid) Oct 2023 – Mar 2024

Worked on EV assembly line layout and logistics using AGV/AMR conveyors for chassis and battery systems, improving workflow.

VIA Motors - USA (Remote) Feb 2020 – Jan 2023

Supported body shop engineering for electric vehicle manufacturing: jig design, equipment selection, ergonomic studies, and chassis parts.

PSA Group - France (On-site) Jan 2017 – Dec 2019

Transfer project for stamping, welding, and injection molding lines.
I developed the logistics technical documents for equipment relocation.

Terragene - Rosario, Argentina (On-site) Feb 2016 – Jan 2017

Developed machined parts using SolidWorks and CAMWorks.
Generated CNC post-processing (G-code) for plastic parts.

Renault - Full-time • Brazil (On-site) Jan 2014 – Jan 2016

Commercial equipment selection and performed ergonomic and welding feasibility studies. Supervised jig validation and buy-off at supplier facilities.

General Motors - Rosario, Argentina (On-site) Jan 2012 – Jan 2014

Preventive maintenance procedures for the Corsa Classic project.
Supported Paint Shop and Assembly Line improvement.

Academic

- **Mechanical Engineer** [UNR]
- **Software Technician** [UTN]
- **English B2** [Instituto CELL]

Technical Skills

- CATIA v5 (Automation)
- SolidWorks
- CAMWorks
- .NET (VB.NET)

Contact

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