



Jorge Luis Schiavon Pérez

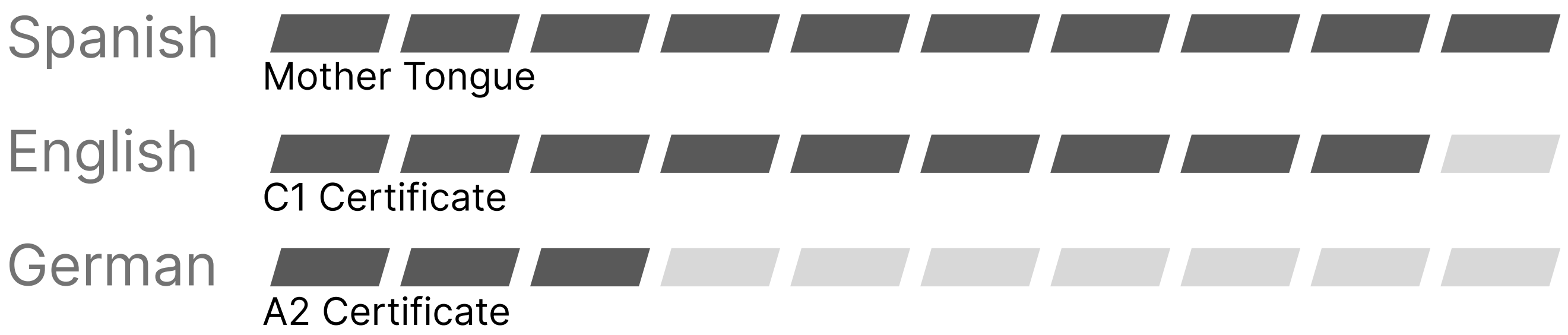
R&D | Mechanical Design | Manufacturing | Power Electronics |
Energy Generation | Innovation-Driven Engineer | EdTech

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Education

Mechatronics Engineer Feb 2022 - Jun 2025
Tecnológico de Monterrey
97.07 Academic Average as of Feb - 2025

Languages



Professional Experience

CVT Production Assembly Intern May 2025 - Present
Schaeffler, Puebla, MX

- Lean Manufacturing, Interpretation of product and manufacturing drawings.
- Manufacturing processes

R&D Intern Aug 2024 - Dec 2024
Unidad de Investigación y Desarrollo Tecnológico de la Armada de México (UNINDETEC), Veracruz, MX

- Development of military projects focused on UAV design and implementation.
- Testbench designer for motor-propeller system efficiency in UAVs.
- Contributed to the creation of a tactical quadcopter for infantry operations and design of a tilt-rotor drone.
- Use of Ansys R2024, MatLab, CATIA V5, SolidWorks, additive manufacturing tools.

Student Racing Team President Feb 2022 - Aug 2024
B Racing, Puebla, MX

- Design, engineering, and manufacturing of inertia and electric cars for university competitions.
- Secured \$213K in sponsorship support from Schaeffler Puebla's E-Mobility Division.
- Leader of the champion team during Electración 2024 season.
- Automotive engineering, mechanical design, electrical system maintenance, machining, welding, and IoT (AWS) integration.
- PCB design, composite material usage and basic CFD simulation.

Design Engineer Nov 2023 - Jul 2024
Banorte, MX

- Harness designs and electrical routing solutions using CAD software, ensuring serviceability optimization through collaboration with engineering departments at Tec de Monterrey Campus Puebla and Tec de Monterrey Campus CDMX.

Staff Member May 2023 - Aug 2023
JCC Camp Chi, Wisconsin, USA

- Provided support and attention to service kitchen activities within a multicontinental, diverse community.

Maintenance Engineering Intern Nov 2021 - Jan 2022
JCC Camp Chi, Wisconsin, USA

- Provided support and attention to service kitchen activities within a multicontinental, diverse community.

Certifications

Udemy / Introduction to Power Electronics / Certified / 2025
The Learning Gate / Basic Data Analysis - Power BI / Certified / 2025
ANSYS / SpaceClaim, Design Modeler, FEA, Fluent / Pursuing / 2024
University of Boulder Colorado / M2M & IoT Interface Design & Protocols for Embedded Systems / Certified / 2024
ValueKnow / Aeronautics Engineering: Airplane Design & Operations / Certified / 2024
Universal Robots / eSeries Core Track / Certified / 2024
Dassault Systèmes Solidworks
CSWA Mechanical Design / Certified / 2023
CSWP Mechanical Design / Certified / 2024
CSWPA Weldments / Certified / 2024
CSWPA Surfaces / Pursuing / 2024
Instituto Dr. Manuel Sandoval Vallarta / C++ Programming / Certified / 2020

Volunteering & Social Impact

Instituto LIVH / Personal and professional development, ethics, social entrepreneurship / 2024 - Present
Juventud y Familia Misionera / Support in rural areas / 2014 - Present
Fundación Banco de Alimentos Cáritas Puebla / Food processing optimization / 2024