ALDO LOPEZ
MECHATRONICS ENGINEER

aldoeugeniold@gmail.com
Hermosillo, Mexico.

WORK EXPERIENCE

National Energy Improvement Fund
May 2023 – Present

FULL STACK DEVELOPER

- Javascript
- Typescript
- Angular
- SCSS
- HTML 5
- Quasar
- .NET
- C#
- SQL
- Azure DevOps
- Git
- Firebase
- Python
- Postman
- Cypress testing

AT Engine Mexico (Now GE Aerospace)
Nov 2021 – April 2024

PROCESS ENGINEER FOR BLISK 5 (GE LEAP ENGINE)

- Create programming strategies of turning and milling operations using Siemens NX
- Assessment of dimensional properties of parts to determine rework or repair feasibility.
- Creation of work instructions for high precision machining.
- Definition of order of operations of products.
- Definition of measurement methods and equipment.
- PFMEA.
- Part drawing creation.
- Design of new turning tools.
- Process optimisation.

TE Connectivity Aerospace, defence and marine.
May 2021– Nov 2021

MANUFACTURING ENGINEER INTERN

- 3d modeling and 3d printing of fixtures in Creo Parametric for improving manufacturing methods
- Definition of manufacturing processes for aerospace grade harnesses.
- Use of CAE to simulate fluid behavior during injection molding circumstances.
- Creation of engineering blueprints for external manufacturing.
- Supervision of outsorced manufactured parts quality.

EDUCATION

2016- 2021
Hermosillo, Mexico.

Bachelor of science: Mechatronics Engineering
Universidad de Sonora

2019-2020
Valenciennes, France.

Exchange program: Mécatronique
INSA Hauts-de-France
MEXFITEC Scholarship

LANGUAGES

ENGLISH
TOEFL ITP Score 600 (2015)

Fluent

FRENCH
DELF B1 Score 73.5 (2018)
Alliance Francaise C1 Diploma (2019)

Fluent

SPANISH

Native

APTITUDES

- Team player
- Polyvalent
- Analytical thinking
- Creative

OTHER TECHNICAL SKILLS

- SAP ERP
- Microsoft Office.
- GD&T
- 10 years of experience on 3d printing with 6 months experience on industrial printers.

CAD/ CAM / CAE

- SOLIDWORKS
  - Design module.
- AUTOCAD

- SIEMENS NX
  - Manufacturing and Design Module
- CREO PARAMETRIC
  - Design Module

CODING PROJECTS

- 3dberry.com

Offers professional 3d printing service, with the benefit of quoting in real time and creating an order within seconds.