Jorge Ulises Madrigal Murillo

Mechanical Engineer with experience in the area of maintenance, design, manufacturing and IT project development, with the necessary skills for personnel management, budget control, dealing with suppliers and customers as well as teamwork for the implementation of processes and continuous improvement.

CONTACT

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EDUCATION

- ·Mechanical Engineering ITESO (2021).

SKILLS

- SolidWorks (Design, simulation and assembly, composer).
- Siemens Team Center
- Python
- Golang
- Linux
- SAP
- Microsoft office pack
- Maintenance of mechanisms.
- PLC

CERTIFICATIONS

- ASSOCIATE-SolidWorks (Mechanical Design)
- Six Sigma - Yellow Belt

LANGUAGES

- English
- Spanish

COURSES/TRAININGS

- "Learning SOLIDWORKS Composer", Linkedin Learning, september 19 ,2022.
- "Java Essential Training: Objects ans APIs ", Linkedin Learning, september 08, 2022.
- "Programming Foundations: Object-Oriented Design",Linkedin Learning, september 06,2022.

Alll the courses/trainings:
https://drive.google.com/drive/folders/1As8zz5bfLMqg qouXF1dS56mE_a3FC9NQ?usp=sharing

WORK EXPERIENCE

Tata Consultancy Services

Mechanical Engineer
08/2022-Current

Training in object-oriented programming: java
Designer Engineer for Baker Hughes project.

- Creating 3D models, assemblies and drawings for different electric components, eclosures and harness according to the ECN (Engineering Chance Notice).
- Creation and review of BOM.
- Support for CAD migration process.
- Creation of a manual of errors and solutions for system problems with Teamcenter, Solidworks and servers.

STLGears.com

11/2022 - Current

Join Project with Gears website

- Update of the information and forms sections using HTML, CSS and Javascript.
- Work together with the development team with GITHUB.

Sistema Intermunicipal de los Servicios de Agua Potable y Alcantarillado (SIAPA)

Maintenance area specialist
07/2019 - 08/2022

Management and supervision of preventive and corrective maintenance services for the vehicle fleet, heavy and light machinery, as well as suction and pumping equipment in internal and external workshops, budget control, and bidding procedures.

- Responsible for special maintenance and verification programs.
- Development of strategies to provide proper maintenance to vehicles, machinery and equipment.
- Monitor the inventory and carry out the processes for the acquisition of spare parts and tools in SAP.
- Update of procedure manuals.
- Datebase management and updating

Tecno Diesel

11/2021-05/2022

Joint project with manufacturing workshop and diesel service.

- Website development using HTML and CSS.
- Design, 3D modeling, plans for manufacturing tools and parts on request.
- Repair service for diesel injectors, pumps and actuators.
- Management of machines and tools (CNC, lathe and milling machine).