

MARCO GUZMAN

Substitute Teacher

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Current DoorTek, Inc. Modesto, California, United States
from: Aug. 2015

On-Field Technician

Perform on-field installation and supervisory tasks of high-tech doors in various locations throughout the San Francisco Bay Area.

To: Aug. 2015
From: Nov. 2014

To: Jul. 2013
From: Jun. 2012

Metales y Tecnica Industrial, S.A. de C.V. Mexico City, Federal District, Mexico

Reengineering Manager

Managed a medium-sized chemical manufacturing company. Redesigned company layout to streamline production process. Implemented Lean Manufacturing techniques. Implemented Theory of Constraints . Achieved an increase of 45 percent to quarterly earnings reported in July 2015.

To: Nov. 2014
From: Jul. 2013

Fabrica de Instrumentos y Equipos, S.A. de C.V. Tultitlan, State of Mexico, Mexico

Reengineering Supervisor

Team Leader of Magdalene Project—moving a manufacturing facility from the city of Naucalpan to the municipality of Tultitlan. Managed a USD\$3 million budget for plant of 150 personnel. CAD-redesigned entire facility to streamline production process using Theory of Constraints, Lean Manufacturing, Six Sigma and 5S.

To: Jun. 2012
From: Sep. 2010

Cal Poly Pomona, California, United States

Undergraduate Researcher

Project 1: Reaserched the biodiesel manufacturing process with used vegetable oil available on the Cal Poly university campus. Optimized the logistics of the production process from its collection to its final usage by tractors at the university.
Project 2: Optimized characteristics of electric double layers by investigating Li-ion batteries and supercapacitors. Determined low-temperature battery performance by computer modeling using the Monte Carlo statistical method.



California State Polytechnic University-
Pomona (Cal Poly--Pomona)
Pomona, California

Major: Chemical Engineering
Minor: Chicano Studies
Degree: Bachelor of Science

Modesto Junior College
Modesto, California

Major: Physical Sciences
Degree: Associate in Science



- Instructing ★ ★ ★ ★ ●
- Learning Strategies ★ ★ ★ ★ ●
- Public Speaking ★ ★ ★ ★ ●
- Active Listening ★ ★ ★ ● ●
- STEM Subjets ★ ★ ★ ★ ★
- Spanish ★ ★ ★ ★ ★

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