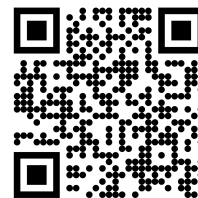


# NORMAN KEVIN DRIOTTZ

## Mechatronic Engineer

@ nkdrriottz@gmail.com ☎ 686-1749-756 📍 Mexicali, Baja California



SCAN ME

## EXPERIENCE

### Rheem

#### -Project Engineer

📅 September 2019-2020 📍 Mexicali

- Design of gauges, mechanisms and fixtures for R n D.
- Quotation and planning of improvements projects.
- Organize and perform Heavy machinery restoration and relocation.
- Reviewed the designs and perform modifications on tanks holding systems.

#### -Design and process Engineer

📅 September 2018 – September 2019 📍 Mexicali

- Developed an interactive floor training system for paper savings and developed a system for displaying diagrams to improve the assembly of thermostats.
- Modification of plant layout in Autocad.
- Modification and creation of fixtures to improve the quality of the Ultra Low-NOx burner assembly and fixtures go/no go in general.

### Engineering Labor Metal

#### -Design Engineer

📅 April 2018 – August 2018 📍 Mexicali

- Design and development of large scale 3D printer, design of fixtures and parts for private Industries.

### DataTechnic

#### -Design and automation

📅 May 2017 – August 2017 📍 Mexicali

- Designed a laser Engraving system for turbocharger turbine with vision identification of models and sorting.

## INVESTIGATION PROJECTS

### UNAM

#### Desalination and dehydration machines

📅 6 months 📍 Mexicali/ Mexico City

- Development of a more complex desalination system and a food dehydration system, where I designed the machines by testing the thermal behavior of water and air and automating the heating system.

### CEENER UABC

#### Desalination machine for rural cities in the coast

📅 8 months 📍 Mexicali

Development of a salt water purification system for a rural community, where I mechanically designed the separation method based on a thermodynamic model and perform simulations of thermal fluids.

## MY LIFE PHILOSOPHY

*"Do not fear failure but rather fear not trying." – Roy T. Bennett*

## MOST PROUD OF



### Entrepreneur contest

2nd place as CEO of a 3D printer Company on the division of Technological innovation



### Automation Robots contest

Multiple places in robot making contest in categories like, mini sumobot, automation robots and sumobots fighting robots



### Passions

Music, Drums and Guitar, photography, 3D modeling and DIY.

## STRENGTHS

Frontend development, Javascript, Python

Autocad, Solidworks, NX, CATIA, Inventor

Mechanical Design

Hard-working

passionate

Eye for detail

Teamwork and Leadership

Motivator

Open mind

Fast learner

Automation

Organization and management

## LANGUAGES

Spanish (Native)



English



Nihongo (Japanese)



Deutsch (German)



## EDUCATION

### Mechatronic engineer

#### UABC

📅 Sept 2013 – June 2018

