ISRAEL **FABELA**

Mechatornic Engineer

◉ Mexico City - Mexico

S O C I A L

in **@ iofabela**

◯ **@ iofabela**

S K I L L S

Understanding of technical documentation

Organizational and analytical skills

Machine Learning Algorithms

Data and Quantitive Analysis

Teamwork

Communication and presentation

Problem-solving

L A N G U A G E S

- Spanish | Native
- English | Professional
- German | Elementary

I N T E R E S T S

Programming   Robotics   M.L. & A.I.

P R O F I L E

I am a mechatronic engineer with a passion for solving difficult problems and helping others. I firmly believe in the power of technology and innovation to improve people's lives and am excited to be part of this journey to build a better future.

E D U C A T I O N

MECHATRONIC ENGINEER
UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO, FACULTY OF ENGINEERING

2016 - 2021

FINANCE DIPLOMA
UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO, FACULTY OF ADMINISTRATIÓN & ACCOUNTANCY

- To learn the mechanisms for obtaining and managing company resources for financial decision making.

2020 - 2021

E X P E R I E N C E

UNAM MotorSports - FSAE
From 2019 to 2020
Key Qualification & Responsabilities

- Cooperation and integration in multidisciplinary work teams.
- Design and development of parts of the intake and exhaust system of a formula type vehicle to increase efficiency and effectiveness of 15%.

PROYECTO: FinDER V3
From 2020 to 2021

- Worked in a rescue robot that operate in disaster scenarios produced by earthquakes.
- Added a smoke sensor module for fire detection.
- Collaborated in the image-detection develop with Open CV for the pictograms' detection.

A D D I T I O N A L   A C T I V I T I E S

Robotics Tournament | 2017
Recognition for participation in the Robotics Tournament.

Basic ROS | 2020
A framework for robot software development that provides the functionality of an operating system in a heterogeneous cluster.

SolidWorks Introduction & Multibody with Simulink | 2020
Design and development of a robot in Solidwork. Testing with multibody in simulink with MatLab.

Machine Learning Engineer | 2021
Learn to design, build and produce machine learning models for problem solving that contribute to and/or improve decision making with their predictions. Portfolio: iofabela.com