

JACOB TINOCO

SPECIALIZATION IN ADVANCED MANUFACTURING AND AUTOMATION SYSTEMS

EDUCATIONAL HISTORY



Computer Science Technician.

Institution: Academic Support Group for the Mexican student population.

Graduation year: 2017.



Mechatronics Engineering.

Institute: Tecnológico de Estudios Superiores de Valle de Bravo.

Graduation year: 2024.

PROJECTS.



"Development of an intelligent voice assistant using Amazon Web Services technologies".

Responsibility of: Dr Ángel Ívan García Moreno.

Pacific Summer of Scientific and Technological Research.



"Gesture control of a Cobot UR3 using Leap Motion stereoscopic sensors with artificial vision".

Responsibility of: Dr Ángel Ívan García Moreno.

Development project

Throughout my career I have developed design and automation projects, you can see more projects in my professional portfolio

Personal interests

- Artificial intelligence
- Virtual reality
- Augmented Reality
- Artificial Vision

HONORS AND AWARDS

Participation in the scientific and technological research colloquium 2019:

- 1st: Introduction to Artificial Intelligence with Artificial Neural Networks (ANN)
- 3rd: Development and implementation of home security systems through home automation.

LANGUAGES. Self-taught languages



SPANISH
Level: Native.



ITALIAN.
Level: A2.



ENGLISH.
Level: B2.



FRENCH.
Level: A2.

Software Programming languages knowledge.

- C
- C#
- C++
- Python
- Solidworks
- Corel
- VISI Series
- Siemens NX
- Fusión 360
- Word
- Excel
- Power Point
- Publisher

Continuous studies....

COURSES.



Fasteners Basic Concepts.

Delivered by: Weldmation México.



Advanced Parametric Modeling Techniques.

Delivered by: Weldmation México.



CAD Basic User Interface for Designers

Delivered by: Weldmation México



Die Fundamentals Online.

Delivered by: VISI Series México.



CS50's Introduction to Artificial Intelligence with Python.

Delivered by: HarvardX, EdX.

Contact.



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Portafolio profesional



Personal description

I am a very responsible, self-taught person who knows how to work in a team with a great interest in any kind of artistic, philosophical and scientific knowledge.

Relevant skills

- Self-learning.
- Teamwork.
- Employee relations.
- Organizational development.

Volunteer work and interests

- Space Odyssey:
Volunteer in Physics and Mathematics classes.
- Astronomical events:
I facilitate with friends to access telescopes.
- Photography:
Nature, Portrait

References.

angel.garcia@cidesi.edu.mx

teresa.mv@vbravo.tecnm.mx

arturo_tinoco@my.uvm.edu.mx

glozam001@profesor.uaemex.mx

Experience

I have worked with CNC's such as milling machines, lathes and cutting machines: plasma, laser, lock and tooling... as well as 3D printers. I have programming experience, with projects using Amazon Alexa skills, Gesture control of a UR3 cobot, to name a few. I am able to work both individually and in teams, with research experience with focus on Artificial Intelligence.