

JACOB TINOCO

SPECIALIZATION IN ADVANCED MANUFACTURING AND AUTOMATION SYSTEMS

Contact.

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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

EDUCATIONAL HISTORY



Computer Science Technician.

Institution: Academic Support Group for the Mexican student population.
Graduation year: 2017.



General High School.

Institution: Escuela Preparatoria Oficial Anexa a la Normal de Valle de Bravo.
Graduation year: 2018.



Mechatronics Engineering.

Institute: Tecnológico de Estudios Superiores de Valle de Bravo.
Graduation year: 2024.

PROJECTS.

Throughout my career I have developed design and automation projects, to mention a few:



Videogame style:
"Bomber Man".



"Development of an intelligent voice assistant using Amazon Web Services technologies".
Responsibility of: Dr Ángel Iván García Moreno.
XXVII 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 Iván García Moreno.
Development project

SOFTWARE AND PROGRAMMING LANGUAGES KNOWLEDGE.

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

Continuous studies....

COURSES.



Fasteners Basic Concepts.

Delivered by: Weldmation México.



Die Fundamentals Online.

Delivered by: VISI Series México.



Advanced Parametric Modeling Techniques.

Delivered by: Weldmation México.



CS50's Introduction to Artificial Intelligence with Python.

Delivered by: HarvardX, EdX.



CAD Basic User Interface for Designers

Delivered by: Weldmation México

LANGUAGES. Self-taught languages



• SPANISH.

Level: Native.



• ITALIAN.

Level: A2.



• ENGLISH.

Level: B2.



• FRENCH.

Level: A2.

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.

References.

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