



## Angel David Sasso Villa

**DATE OF BIRTH:**  
16/12/1998

### CONTACT

Nationality: Mexican

Gender: Male



Santa Catarina, Mexico



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### ABOUT ME

I'm a student of last semester of mechatronics engineer. I'm interested in design, automation, control and architecture of mechatronic systems. Also have an interest in IT. I'm looking for develop myself profesionally on design of mechatronic systems. I count with a problem solving, customer service, team work, cost-benefit analysis, and proactive habilities. I look for a company that allows me economic stability and to growth professionally and ethicly in order to contribute to the society. I'm self-taught person.

### WORK EXPERIENCE

**16/02/2021 – CURRENT** – Santa Catarina, N.L., Mexico

#### Manufacturing Engineer Intern

Carrier México

**31/12/2019 – 22/12/2020** – San Nicolás de los Garza, Mexico

#### Coordinator, Supervisor and Assistant.

Industrial RAG S.A. de C.V

*My activities distribute on different departments, I list them below.*

##### Engineer Department Assistant

- Assist the design of projects.
- Creation of CAD models for diferent projects.
- Doing research when needed.
- Cost-Benefit analysis for the project and complements.

##### Production Department Assistant

- Strategic planning of projects development.
- Read of 2D machined pieces and pipeline isometric drawings.
- Checking for pieces material and specifications.
- Reviewing components list for an assembly or a project.
- Reviewing for material and tools on stock.
- Require material when neccesary.
- Create productions workplan.
- Distributing wotk to operators.
- Monitoring daywork.

##### Quality Supervisor and Coordinator

- Coordinate quality department activities.
- Monitor machined pieces.
- Interpretation of drawings.
- Analyze details and specifications on drawings.
- Accepting or rejecting pieces depending on the drawings specifications, and functionality.
- Deal with the client directly.
- Implement "5 Whys" problem solving phylosophie in order to know the root-cause from errors.

Quality / Manufacturing / <http://industrialrag.com.mx/> / Ignacio Allende 219, Ignacio Allende 219, 66400, San Nicolas de los Garza, Mexico

**07/2019 – CURRENT** – San Nicolás de los Garza, Mexico

#### Administrative Assistant

Facultad de Ingeniería Mecánica y Eléctrica de la Universidad Autónoma de Nuevo León

Support on activities as reviewing of documents, assist on private tutoring, answering questions of the students and support mostley to logistics department on school events.

**11/2016 – 11/2019** – Escobedo, Mexico

#### Music Teacher

Instituto Nouveau Campus Anáhuac

Music education on diferents instruments as drums, guitar and piano.

## EDUCATION AND TRAINING

**06/2016 – CURRENT** – San Nicolás de los Garza, Mexico

### **Degree in Mechatronics Engineer**

Facultad de Ingeniería, Mecánica y Eléctrica de la Universidad Autónoma de Nuevo León.

<https://www.fime.uanl.mx/>

**12/2018 – CURRENT**

### **German Language**

Centro de Idiomas de la Facultad de Filosofía y Letras de la Universidad Autónoma de Nuevo León.

<http://filosofia.uanl.mx/index.php/centro-de-idiomas/>

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Spanish

**OTHER LANGUAGE(S):**

**English**

**Listening**  
B2

**Reading**  
B2

**Spoken  
production**  
B1

**Spoken  
interaction**  
B1

**Writing**  
B2

**German**

**Listening**  
A2

**Reading**  
A2

**Spoken  
production**  
A2

**Spoken  
interaction**  
A2

**Writing**  
A2

## DIGITAL SKILLS

Microsoft office(WordExcel Powerpoint Outlook) / C, C++ Language / NI LABVIEW / Basic of Python / Proteus and Multisim: Tools for Circuit designing / MATLAB&Simulink / FluidSim, FESTO / SolidWorks (Intermediate) / Arduino Programming and its parts / Raspberry Pi

## HONOURS AND AWARDS

**03/02/2021**

**SolidWorks - Mechanical Design Professional** – Dassault Systems  
Certification for Mechanical Design at the level of Professional using SolidWorks.

ID: C-LFGQY8MA2W

**10/01/2021**

**Python 3 Udemy Course** – Udemy

ID: UC-27cfb29a-8368-4b99-aac7-3ceaaecf34cd

**Viewed Topics:**

- Data Types
- Classes and Objects
- Methods
- Modules and Packages
- File Managing
- Graphic Interfaces using Tkinter
- Databases using SQLite
- Documentation and Testing
- Distribution

<https://www.udemy.com/certificate/UC-27cfb29a-8368-4b99-aac7-3ceaaecf34cd/>

**23/12/2020**

**AWS Academy Graduated - AWS Academy Cloud Foundations** –

Amazon Web Services Training and Certification

Earners of this badge have taken the AWS Academy Cloud Foundations course.

[https://www.youracclaim.com/badges/b433905c-c5a9-40aa-a8f4-7ab39d4663ad/linked\\_in](https://www.youracclaim.com/badges/b433905c-c5a9-40aa-a8f4-7ab39d4663ad/linked_in)

**21/12/2020**

**SolidWorks - Mechanical Design Associate** – Dassault Systemes

Certification for Mechanical Design at the level of Associate using SolidWorks.

ID: C-9RANUWKE7Z

**08/2020**

**Certified LabVIEW Developer - CLD** – National Instruments - NI

*Self-taught learning with online resources that NI have.*

The Certified LabVIEW Developer (CLD) exam verifies the user's ability to design and develop functional programs while minimizing development time and ensuring maintainability through proper documentation and style. Certified Developers can provide technical leadership to less experienced engineers, helping ensure their team is following best practices and becoming more competent and efficient LabVIEW programmers.

[https://www.youracclaim.com/badges/883929be-d873-48cf-a919-0f7f2f96a2cc?source=linked\\_in\\_profile](https://www.youracclaim.com/badges/883929be-d873-48cf-a919-0f7f2f96a2cc?source=linked_in_profile)

**07/2020**

**Seminario Neumático Online** – FESTO México

Pneumatic components and systems.

**12/2019**

**Certified LabVIEW Associate Developer - CLAD** – National Instruments - NI

The Certified LabVIEW Associate Developer (CLAD) Certification indicates a broad working knowledge of the LabVIEW environment, a basic understanding of coding and documentation best practices, and the ability to read and interpret existing code. NI offers the Certified LabVIEW Associate Developer (CLAD) exam using either LabVIEW or LabVIEW NXG.

<https://www.youracclaim.com/badges/857cb317-4121-405d-8f0e-f12e63311698>

**08/2019**

**Student Ambassador's LabVIEW Program.** – Facultad de Ingeniería Mecánica y Eléctrica.  
Process to get the LabVIEW Associate Developer certification.

**04/2019**

**LabVIEW Effective Programming** – Personalized Course  
Basic, intermediate and advanced course taught by M.C. Rodolfo Rubén Treviño Martínez.