

Ana Melina Romero Lopez

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Dedicated and diligent recent bachelor graduate with strong academic background. Shown to be cooperative and innovative on various projects throughout the school career. Often participating as a volunteer and willing to learn any skills needed to get the job done.

Education

Cetys Universidad

Mexicali, Baja California, Mexico (2015 - 2019).

- ❖ Bachelor Degree in Renewable Energy Engineering.

Universidad de Alcalá

Alcalá de Henares, Spain (June 19 - July 7, 2017)

- ❖ Renewable Energy Sources: A three week abroad class.

Calexico High School

Calexico, CA, USA (2011 - 2015).

- ❖ Bulldogs Marching Band:
 - Flute player
 - Color Guard member.
- ❖ MESA (Mathematics, Engineering, Science Achievement).
 - Member: Competitor and prizewinner in various category competitions.
- ❖ Imperial Valley Math Festival
 - Participant: Competitor and prizewinner in the Statistics category.

Academic Achievements

- ❖ High Academic Performance Certificate (2019).
- ❖ High Academic Performance Certificate (2018).
- ❖ High Academic Performance Certificate (2017).
- ❖ Renewable Energy and Sustainability Forum Treasurer (2016).
- ❖ Solar Oven Workshop (2015).

Languages

Spanish (Native).
English (Proficient Level).

Software Skills

Java, Matlab, Simulink, Arduino, MS Office, AutoCAD, LabView, Multisim.

Work Experience

Imperial Valley MESA Program.

El Centro, California, USA (September 2019 - May 2020).

- ❖ Instructional Assistant.
 - Assist the class instructor in the elaboration of the MESA class and after school program by preparing class material, organizing class activities and supervising students on the elaboration of STEM related projects.

Diseño Electrico S.A de C.V.

Mexicali, Baja California, Mexico (January - May 2019).

- ❖ Intern
 - Monitoring and detection of electrical failures in photovoltaic systems using the platform enphase.
 - Elaboration of simple calculations for electrical projects.
 - Electrical drawing interpretation.
 - Normative revision.
 - Cost analysis.

Volunteer Experience

Instituto Hellen Keller

Mexicali, Baja California, Mexico (August, 2018 - January, 2019).

- ❖ Social Service: Provided assistance in academic workshops for special needs children.

Imperial Valley Energy Summit

Holtville, CA, USA (2018).

- ❖ Assistant: Aided in preparing material pre-event.

Imperial Valley MESA (Mathematics, Engineering, Science, Achievement).

Imperial Valley, CA, USA.

- ❖ MESA DAY
 - MESA Tank Judge (2018).
 - Speak Out Judge (2017).
- ❖ Robotics Competition
 - Aided in preparing material pre-event (2019).
 - Middle School Category Judge (2018).

Children's Fair

El Centro, CA, USA (2016 & 2017)

- ❖ Provided service during fair events.

Epic Queen

Mexicali, Baja California, Mexico (2015)

- ❖ Staff: Provided assistance in a Code Party for 7-12 year old girls.