

MARIO AVILA

San Diego, CA 92113 - Email: mavila@hightechhigh.org

EDUCATION

The Gary and Jerri-Ann Jacobs High Tech High

Class of 2017

- **4.3 GPA**

-Honors US History and Geography

-Honors Math 3

-Honors Spanish 3

-Honors English 3

-Honors Biology 1,2

SKILLS

Design Methods

- Adobe

- Graphic design

- Solidworks

- Solidworks part drawings

General

- Hand Crafting

- Public Speaking/Communication

- Public Relations

- Collaboration with others

EXPERIENCE

Cacophony Project

2014

- Created blueprints for the process of constructing an amplifier.

- Drafted multiple ideas and drawings, to look back on the improvement of the product.

- Constructed a well designed product with a successful outcome.

Internship: International Iron Products

2016

- Built the Company Website. (internationaliron.weebly.com)

- Designed and Printed Company Brochure layout and Business cards.

- Drafted new possible logos for the Company.

Volunteer Service

Over 400 hours of community service with the following organizations:

2014 - 2016

- The American Cancer Society

- First Robotics

- Lego Land

- High Tech Middle

EXTRA CURRICULAR

First Robotics Competition (FRC) Team 1538 The Holy Cows

2014 - 2017

For Inspiration and Recognition of Science and Technology (FIRST) is an organization that allows students to explore different aspects to the; Science, Technology, Engineering and Math fields. While going through the process of designing and building a robot in 6 weeks to compete in annual competitions.

Positions Acquired:

- Robot Operator- 2014

-Robot Driver- 2015

- Robot Driver- 2016

Leadership Positions:

- Manager of Controls- 2015/2016 (Oversees the Software and Electrical aspect of the robot design process.)

- Director of Engineering- 2016/2017 (Oversees **all** engineering related activities on the team.)