Miguel Morales-Suazo

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Objective:

Seeking internship or job opportunities in the manufacturing field. Particularly interested in opportunities involving machinery manufacturing, computer and electronic product manufacturing.

Education:

San Jose State University, San Jose - Undergrad - Expected graduation May 2023

> **Bachelor of Science (B.S.) in Industrial Technology**
> Concentration in Manufacturing Systems, Minor in Business Management
> **San Jose State University, San Jose, CA**

Engineering Project Experiences:

Arduino Motors & Design Lab, SJSU   Spring 2021
- Designed circuit board that would control speed of step motor
- Using Arduino Stepper Library Utilized ULN2003 step motor driver board, 10k ohm potentiometer, UNO R3, breadboard and wires
- Received an A for having the project working the way we were tasked to do

Wind Turbine Exploration & Design Lab, SJSU   Spring 2020
- Collaborated with a team of 4 in designing a windmill that can withstand high winds mph
- Utilized aluminum pipe, cable wires, and high wood board for model design staying within budget constraints and meeting project guidelines
- Presented findings to an audience of 30 and received an A- on the project

Skills:

- **Software & Design:** Solidworks, Excel, Arduino, Fritzing, and Tinkercad
- **Manufacturing and Tools:** Lathe Machine, Drill press, Sander
- **Forklift Operator**

Languages:

- English
- Spanish

Work Experience (Self-Supporting Student):

Lincoln Glen Manor**,** San Jose - Front Desk   September 2017 - Present
- Proven customer service and professionalism leading to increased responsibility and variety of tasks
- Point of contact for any incoming visitors, potential residents and serving first in line of security
- Responding to telephonic and in-person inquiries to provide accurate information and assistance in connecting callers to the appropriate staff members

Hardwoods Flooring, San Jose - Forklift Operator   October 2021 - October 2022

Member, Alpha Sigma Phi Fraternity   Spring 2021