

Mateo Borrego

(520)227-8628
mateoborrego@gmail.com

SKILLS

Eight years combined experience in Solidworks and Autodesk Fusion 360/ Inventor
Competent in Matlab and some experience in C++
Highly Competent in Microsoft Office
Confident and skilled in public speaking, interpersonal communication, and conflict management
Team Leadership and Management

APPLICABLE EXPERIENCE

Successfully participated and led teams of varying sizes to achieve engineering-oriented tasks
Presented to audiences of varying sizes while successfully relaying unfamiliar technical information
Created an efficient code for streamlining the calculation of double and single interpolations in MATLAB
Successfully led an interdisciplinary team of 12 engineering students in designing and fabricating a small-scale wind turbine along with an offshore wind farm site proposal.

EDUCATION

Northern Arizona University — Mechanical Engineering

Aug 2019 - May 2023

ABET Accredited program - 3.25 GPA

Buena High School

Aug 2015 - May 2019

4.143 GPA

EXPERIENCE

Resident Assistant — Northern Arizona University

July 2020 - May 2022

Successfully navigated and helped to resolve conflict and crisis related situations

Filed over 160 reports updating and informing supervisors of tasks and residents

Worked in multiple interdisciplinary teams in a professional setting to achieve common tasks, support residents, and host events for a building of over 400 residents

Managed budgets and filed funding requests to purchase materials to host events with capacities of up to 400 people

PROJECTS

NREL Collegiate Wind Competition 2022-23 (present)

FNL Competition: Mars Mission - Designed Nozzle Test System

POSITIONS/ACCOLADES

GORE: Engineers to the Rescue - Effective communications award - September 2019

President of Buena High School Engineering Career Technical Student Organization - Aug 2018 - May 2019

Orientation and Recruitment Officer - Circle K international 2019-2020

Team Lead for NREL and DOE Collegiate Wind Competition (CWC) 2022-23

E-commerce - Produce - Grocery Replenish — *Fry's Food and Drug Stores*

May - Aug 2021

Selected by three Department Supervisors to join each team within a three-week period of being hired

Showcased my adaptability and quick learning skills by working three unique positions in tandem effectively

Line Cook — *Flagstaff Ranch Golf Course*

May - July 2022

Showcased my adaptability and quick learning skills in an ever-changing environment

Worked efficiently in high stress scenarios, ensuring that food wastage was kept to a minimum

Climbing Wall Attendant — Campus Recreations – Northern Arizona University

April 2022 - Present

Worked in a high-stakes environment ensuring the safety of climbing wall patrons

Performed safety checks on critical climbing gear, evaluated skill of patrons to ensure they were knowledgeable of performing climbing related tasks

Fresch Employee — *Maverik Inc.*

Dec 2022 - Present

Ensured food freshness and quality by maintaining regimented schedule and time management skills.

Showcased critical thinking skills and pattern recognition in order to keep costs down while still ensuring food sales remain constant