

Santiago Gamez

(480) 343-0150 | smg734@nau.edu

Detail-oriented and motivated Mechanical Engineering student with a strong educational foundation in CAD design, Excel, and MATLAB. Proven skills in problem-solving and team collaboration through academic projects and hands-on experience. Eager to apply technical knowledge and analytical skills in a dynamic engineering internship.

Education

Northern Arizona University

August 2022 to May 2026

Bachelor's in Mechanical Engineering, Dean's List 2022-2024

Projects

Particle Image Velocimetry (PIV) System - Capstone - Create custom PIV system for NAU Biomechanics Research Lab

Thermoelectric generator for parallel hybrid cars - Theoretical evaluation of increasing efficiency using a TEG

Drawbridge that shows foundational aspects of torque - Utilized 3D printing and laser cutting with knowledge of Dynamics to demonstrate torque

Adjustable measuring spoon - Capable of measuring between 1 tablespoon to 1 teaspoon

Work Experience

Busser - Hacienda Del Sol Resort

May 2025 to Current

- Maintained a clean environment for customers
- Assisted coworkers in any capacity, including serving customers, with consistent and purposeful communication

Member - Knights of Columbus

March 2024 to Current

- Engage in community service and charitable initiatives

Construction Worker - Alrey's Landscaping LLC

May 2024 to June 2024

- Constructed access stairs to enhance mobility and safety for personnel at the Phoenix trainyard
- Installed 2000 square feet of pigeon wire, ensuring structural integrity and compliance with animal shelter regulations

Expediter - Wildberries Cafe

May 2022 to July 2024

- Ensured the organization of incoming customer orders while working as an expo under pressure.