

# Hunter Gaines

Email: hwg3@nau.edu Cell: 623-980-6266

## ❖ SKILLS & ABILITIES

### TECHNOLOGICAL

- Matlab - Multiple elaborate school projects and homework programs created
- SOLIDWORKS - Used for design projects and homework submissions. Some at-home tinkering as well.
- Dreamweaver - Designed team website for Capstone Project
- Microsoft Office/Teams - Word, Excel, Powerpoint
- Zoom

### LEADERSHIP

- Cesar Chavez Leadership Institution, ASU - Program for 60 students selected from Arizona high school seniors
- Organized and led study sessions for thermodynamics and fluid mechanics
- Led POS and guest interaction training sessions for transition to new system

## ❖ EDUCATION

### B.S. MECHANICAL ENGINEERING | NORTHERN ARIZONA UNIVERSITY | MAY 2023

- GPA : 3.27
- National Honors Society
- Dean's List - Multiple Semesters

### HIGH SCHOOL DIPLOMA | MAY 2015 | WICKENBURG HIGH SCHOOL

- Graduated in the top 5%
- GPA : 3.97

### SCHOOL PROJECTS

- Test Engineer - Manufacture synthetic blood clots using hydrogel/polymer chemical solution and test material properties using rheometer, benchtop occlusion flow model, and fluoroscope. Focused on manufacturing clots and testing clots to ensure client needs were satisfied. (ME476C,486C)
- Electronic/Power Supply Lead - Designed RC aircraft for theoretical participation in SAE Aero collegiate competition. Focused on battery supply for flight duration and servo selection to aid in wing design. (ME386)
- Manufacturing and Testing Engineer - Designed multiple small vehicles with recycled materials. Focused on building separate vehicles to withstand drop testing, pull testing, and speed testing. (ME286)
- Manufacturing and Design lead - Designed device to rescue a dog in a well for W.L. Gore competition. Focused on iterative process for design of scoop and clamp mechanism. (ME186)

## ❖ WORK EXPERIENCE

### GRADING ASSISTANT | NORTHERN ARIZONA UNIVERSITY | FALL SEMESTER 2022

- Graded assignments for Fluid Mechanics ME395 - Developed time management skills and practiced professional communication between both peers and superiors.

### BARTENDER/SERVER | FAT OLIVES | 2017-2019, 2020 – PRESENT

- Trained new employees, worked in a team environment, developed people skills and problem management.

### BARTENDER | RANCHO VALENCIA RESORT & SPA, SAN DIEGO, CA | 2019-2020

- Lead pool bartender - worked with high-end clients developing strong professionalism.

### PLUMBER/HANDYMAN | MASTER'S PLUMBING AND PIPING | 2012-2015

- Practiced residential plumbing services and general handyman work which developed time management and customer relations.

### MAINTENANCE/IRRIGATION | PREMIER LANDSCAPING | SUMMER 2016

- Detailed and maintained high-income properties, developed a priority for attention to detail and thorough revision.

### BUSSER/SERVER | QUORRI'S | 2014-2015

### BUSSER | LOS CABALLEROS | 2013-2014

### BUSSER | ANITA'S COCINA | 2012-2013

All bussing positions included table cleaning and maintaining guest satisfaction.

## COMMUNITY SERVICE

- Make a Wish Foundation, Cops Who Care, Make a Difference Day, library book fair, Relay for Life, Special Needs Field Day