

# SAMUEL TORRES

Northern Arizona University

## CONTACT

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**Phone :** 928-863-4773

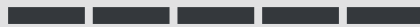
**Email :** samanasaqi@gmail.com

## SKILLS

- Ansys (Still learning), SolidWorks, AutoCAD, Inventor, SketchUp, SimVascular, MatLab, Python, Arduino, Excel
- Welding, Plumbing, Electrical, Electronics, Construction
- Project Management, Prototype development, Technical problem-solving
- Safety Compliance

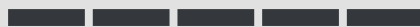
## LANGUAGES

**Spanish:**



Native or Bilingual

**English:**



Native or Bilingual

## SUMMARY

I am self-motivated and enjoy working in a team and independently when needed. I am excellent at assessing the challenge and setting strategies for myself and then creating a plan to achieve them. I am convinced that my determination, my eagerness to succeed in my career, and my positive attitude will be a great asset for your company.

## EDUCATION

**B. S. Mechanical Engineering:** Expected in 12/2023

**Northern Arizona University** - Flagstaff, AZ

GPA: 3.19 (In progress)

**Associate of Science,** 12/2021

**Coconino Community College** - Flagstaff, AZ

GPA: 3.11

**(B.A.C) Degree in Facilities Management,** 08/2019

**Universidad Tecnológica De La Costa Grande De Guerrero** - Guerrero MX

GPA: 4.0

## RELEVANT EXPERIENCE

### Some experience in machining

Got certified at 2 different schools to use the machine shop tools.

**Designed and Built Automatic Fish Feeder, Universidad Autónoma de la Costa Grande de Guerrero, Petatlán.** 01/2019 to 04/2019

- Successfully led a team of 6 members
- Designed Fish Feeder using SketchUp
- Built and programed project with Arduino following specifications given by the school
- Inspected and approved every phase of the project
- Led the final presentation of the project before the school president

### Cardiovascular Biomechanics Lab, Northern Arizona University

01/2020 to 05/2020.

- Worked with SimVascular: Cardiovascular Modeling and Simulation software
- Goal: Construct computer models from CT data using image processing software
- Approach: Fostered a positive work environment
- Results: Once model was finished it was submitted to my supervisor

### Handyman Helper, Petatlán MX. 05/2011 to 05/2019

- Built and repaired metal structures, metal trusses, gates/doors, metal stairs, and similar work
- Worked with 120V & 240V stick & MIG welding machines
- Handled large variety of electric & cordless tools
- Worked with PVC, CPVC, and CU pipes
- Wired facilities and fixed exiting electrical problems
- Installed security cameras
- Designed metal structures in AutoCAD and SketchUp
- Wrote price quotes for customers.