

# Joseph Shahenian

13843 W Redfield Road  
Surprise, AZ, 85379  
(623)-229-6892  
Joseph.Shahenian314@gmail.com

## EXPERIENCE

### **Commercial Metals Company — Quality Assurance Intern**

May 2023–August 2023

I was trained in different mill operations, wrote and edited work instructions for workers in the same areas, performed occasional engineering design work, and gained extensive mechanical testing lab experience along with in-depth steel-making hands-on experience

### **Bed Bath and Beyond — Store Associate**

June 2021–December 2021

Worked the floor of the store, helped customers fulfill orders, worked the register, and restocked shelves

## EDUCATION

### **Northern Arizona University - Expected May 2024**

Bachelors of Science in *Mechanical Engineering*

GPA- 3.1

## COMMUNITY SERVICE

### **Theta Tau Street clean-up**

Picked up trash on fraternity-owned street

### **Dysart Food Bank**

Helped distribute food among guests

## PROJECTS

### **Formula SAE Capstone Project — Chassis Sub-Team support engineer**

Designed various elements of a formula-style race car for competition, including frame modifications, jig setup, seat, safety harness, and aero exterior paneling. I assisted those in my sub-team with other aspects such as welding, coping, and impact simulation testing

### **RC car project — Designer**

Designed two separate vehicles using Solidworks to complete a course in a competitive setting. Using 3D-printed parts and reverse engineering existing RC cars to create electrical systems to power cars.

### **Solar Storm Racing team — Mechanical Designer, Manufacturer, Head of formal presentation**

Designed and constructed a go-kart powered by a solar panel with specified parameters given by the organization.

## TECHNICAL SKILLS

- Solidworks
- AutoCAD
- MS Office Suite
- Onshape
- Bluebeam
- Adobe Acrobat
- Matlab

## GENERAL SKILLS

- Understanding of basic engineering principles
- Detailed oriented
- Team player who can also work independently

## ORGANIZATIONS

- Theta Tau: professional engineering fraternity
- National Honor Society
- Key Club
- Formula SAE