

# Connor Johansson

## MECHANICAL ENGINEER

### Details

(801) 745-7623  
cjjohansson818@gmail.com

### Software Skills

SolidWorks  
Autodesk Revit  
AutoCAD  
MATLAB  
Ansys  
Microsoft Office 365  
Microsoft Excel  
Microsoft Office Word  
Microsoft PowerPoint  
Adobe Photoshop

### Professional Skills

CAE  
Research  
Development  
Manufacturing  
Leadership  
Critical Thinking  
Problem Solving  
Collaboration  
Organization  
Confidentiality  
DFMA  
FMEA  
FTA  
GD&T

### Website

[connorjohansson.com](http://connorjohansson.com)

### Hobbies

swimming, fishing,  
spearfishing, skiing, cars,  
driving, cooking

## PROFILE

Mechanical engineering graduate from Arizona State University's Ira A. Fulton Schools of Engineering with extensive experience in CAD and analysis software. Skilled in the complete product development cycle, from initial design through prototyping, manufacturing, and testing validation.

## EMPLOYMENT HISTORY

### Surveying Technician at Core States Group, Ambler, PA

FEBRUARY 2022 — AUGUST 2022

I created full Revit models from point clouds I obtained from scans I conducted using the Leica RTC360 scanner. I traveled to locations across the country to interface with clients in their locations and conducted the scans that provided the data points for the Revit building models. My modeling was provided to the engineering and architecture departments at Core States Group and they became the basis for the renovation programs that were developed for companies that included Starbucks, TA Travel Centers, and Primark.

### Engineering Intern at Integrated Image, Montgomeryville, PA

JUNE 2021 — AUGUST 2021

I was responsible for the design and fabrication of custom signage for regional and national accounts including Tropical Fruit Smoothies, Pilot Travel Centers, Rite Aid, Home Room, Breslin Realty, and others. I developed CAD designs for unique sign concepts and exterior décor after consultation with our clients, designed the fabrication processes, and managed the manufacturing team during production.

### Intern at Lyfe Motorsport, Salt Lake City, UT

JULY 2020 — AUGUST 2020

I worked in the high-intensity environment of motor racing as a member of the pit crew. I was part of a five-person team managing and supporting 4 cars during NASA races at the Utah Motorsports Campus in Grantsville, UT.

### Conservator at Circle of Life Women's Center, Ogden, UT

MAY 2020 — AUGUST 2020

I was responsible, with one other team member, for the cosmetic restoration of a 20,000-square-foot medical facility that included a medical clinic and surgical procedure center.

## EDUCATION

### Mechanical Engineering, Arizona State University, Tempe, AZ

DECEMBER 2024

### High School Diploma, Rowland Hall, Salt Lake City, UT

## EXTRA-CURRICULAR ACTIVITIES

### Formula SAE Engine Team at Arizona State, Tempe, AZ

Researched, developed, and tested specialized parts for a small four-cylinder inline engine to fit the specialized demands of Formula SAE racing. My most recent project was to design a new oil pan that allowed the engine to sit 8 inches lower in the chassis and gave consistent oil pressure through high G-force longitudinal and lateral accelerations.

### **Ranch Hand at Sessions Ranch, Peterson, UT**

I grew up on a cattle ranch caring for and managing cattle and equipment. Maintenance on equipment was primarily done in house by myself and the rancher. Equipment included: Honda ATVs, BRP ATVs, John Deere tractors, Chevy gasoline trucks, and Ford diesel trucks.

### **Swim Club at Arizona State, Tempe, AZ**

Participated in Swim Club events and meets for three years.

### **Cross Country Captain at Rowland Hall, Salt Lake City, UT**

Team Captain my senior year and participant for all four years.

### **Swim Team Captain at Rowland Hall, Salt Lake City, UT**

Team Captain my senior year and participant for two years.

## **VOLUNTEER WORK**

### **Volunteer at Rowland Hall Food Drive, Salt Lake City, UT**

Supporting Thanksgiving and Christmas local food drives every year since my freshman year of high school.

### **Volunteer at American Heart Association, Salt Lake City, UT**

Worked in the Little Hats Big Hearts initiative to deliver beanies to hospitals for premature newborns.

### **Volunteer at George E. Wahlen Veterans Home, Ogden, UT**

Spent time with the elderly veterans and arranged activity nights twice a week.

## **REFERENCES**

### **Austin Stone from Core States Group**

astone@core-states.com · (215) 907-0599

### **Ian Young from Core States Group**

iyoung@core-states.com · (267) 464-8060

### **Clancy Gower from Integrated Image**

cgower@integratedimage.com · (904) 874-5095

### **Jamin Rosenfeld from Integrated Image**

Contact by Phone Only: (267) 294-4824

### **Denise Montgomery from Circle of Life Women's Center**

dmontgomery@colwc.com · (801) 337-5821