

# CHRISTOPHER HERNANDEZ

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## Mechanical Engineering Graduate

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### **CONTACT**

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Chandler, AZ

### **EDUCATION**

Northern Arizona University

**Graduating 12.15.2023**

BS in Mechanical Engineering

**GPA:** 3.17

### **SKILLS**

AutoCAD

Entry Level Revit

SolidWorks

MATLAB

Golf

Baseball

### **REFERENCES**

#### **Richard Hernandez**

Piping Systems Engineering  
480-345-0052  
richardhernandez@piping-  
systems.com

#### **Reza Razavian**

NAU Professor  
Capstone Client  
928-523-8363  
Reza.Sharif-Razavian@nau.edu

#### **Christian Bowers, PE**

Piping Systems Engineering  
480-345-0052  
chrisbowers@piping-systems.com

#### **Nathan Pies, PE**

Pioneer Design & Engineering  
480-788-2090  
npies@pioneerde.com

### **CAREER OBJECTIVE**

Hard worker who can multitask very well. Exceptionally good at collaborating within a team environment and always on time. Ready to learn from those above me, and apply the knowledge gained to the next tasks.

### **WORK EXPERIENCE**

#### **Pioneer Design and Engineering, Intern (2023-Present)**

- Plumbing Drawings
  - Water, Waste and Natural Gas calcs
  - Natural gas, Water, Waste and Vent isometrics
- Navigate code books
- Minimal Mechanical Drawings – Entry level load calcs utilizing HAP 5.1, outside air calcs
- Interacting with clients on jobsites, As-built existing DX mechanical and plumbing systems

#### **Earnhardt Santan Hyundai – Lot Attendant (2021-2023)**

- Interact with customers
- Organize/clean lot

#### **Faulkner Fence Company – Labor Worker (2017-2018)**

- Tend to jobsites as necessary

### **PROJECTS**

**Capstone Project** – Haptic Robot – Design and Build a Haptic Robot with three degrees of freedom that aids in the rehabilitation process for those who have suffered from a stroke or cerebral palsy. This is a team project that consists of five Mechanical Engineering students at NAU.

**Analytical Design Project** – Stroke Wheelchair – Design a wheelchair for a stroke patient that allows them to rehabilitate their body and perform day to day tasks with ease.

### **Licensing**

FE Exam Test Date: 12.20.2023