

# Cade Hansen

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## Education

### **IOWA STATE UNIVERSITY**

- Bachelor of Science, Mechanical Engineering | Exp. Grad: May 2023 |
- GPA: 3.78

### **NEWMAN CATHOLIC HIGH SCHOOL**

- Graduated 2019
- GPA: 3.94

## Work Experience

### **AUTOMATION - PROJECT MANAGEMENT INTERN | BAKER GROUP | MAY 2021 - AUGUST 2021**

- Coordinated the completion of projects between multiple business units, with regards to timeline and organization.
- Communicated needs and requirements between field and office employees to ensure smooth continuous operation
- Solved daily production issues ranging from logistics, and field work, to part selection.

### **UNDERGRADUATE RESEARCH ASSISTANT | IOWA STATE UNIVERSITY | SEPTEMBER 2020 - PRESENT**

- Executed research tasks daily to prepare data collection efforts.
- Performed and oversaw experiments to provide data for analysis.
- Collaborated with a graduate student supervisor to improve current processes, and brainstorm new tests

### **MANUFACTURING INTERN | SUKUP | MAY 2019 - JULY 2019**

- Manufactured parts for larger projects by analyzing part drawings.
- Initialized and monitored the production of machines for timely manufacturing.

### **CONSTRUCTION MANAGER | LONG ROAD PROPERTIES | JUNE 2015- AUGUST 2019**

- Prepared properties for rent by demolishing, renovating, and transporting materials to add value to the property.
- Showcased property with manager by assisting in the tour process which encouraged rental of property.

## Skills

- Microsoft office, Solidworks, OSHA 30, BlueBeam

## Volunteer Experience

### **FRESHMAN RETREAT LEADER | NEWMAN CATHOLIC HIGH SCHOOL | SEPTEMBER 2019**

- Organized retreat with many leaders to ensure quality.
- Taught life lessons to the students in a fun and engaging environment.

### **EYEGLOSS DRIVE ORGANIZER | INDEPENDENTLY | APRIL 2019**

- Organized and executed eyeglass drive's logistics, including timing, budget, research, and marketing.
- Created presentation over the eyeglass drive to present to Principal and Board members.

## Activities

### **ENGINEERS WITHOUT BORDERS (2019 - CURRENT)**

- Designed collaboratively products and services for use by those in need around the world.
- Researched problems and solutions for communities in Africa to make more informed choices.

### **PRISUM SOLAR CAR CLUB (2019 - 2020)**

- Certified for work in the university labs to aid in construction of the car

### **CAMPUS LEADERSHIP TEAM (2018-2019)**

- Organized and executed multiple programs for the benefit of the student body.
- Collaborated with faculty and students to enrich the daily experience of students.