

# Caden R. Carlson

908 1<sup>st</sup> Ave. Aurora, NE 68818  
(402) 604 - 4043  
cadencarlson1@gmail.com || cadencarlson.github.io

## WORK EXPERIENCE

### Wichita State University — Wichita, KS — Tutor

August 2022 - PRESENT

- Tutored fellow student-athletes at Wichita State University
- Walked with peers as they built confidence in their classwork
- Classes tutored include Physics I, Calculus I, and Calculus II

### Carlson CAD — Aurora, NE — Owner/Operator

MAY 2019 - May 2022

- Utilized additive manufacturing to serve clients across Nebraska
- Rapidly developed CAD drawings to fit client deadlines
- Delivered industry advantages to clients

### Grain Weevil Corp. — Omaha, NE — Research Engineer Intern

JANUARY 2022 - August 2022

- Led development of software for a proprietary depth-camera
- Created animations for use in marketing environments
- Pursued company goals in product testing, research, and development.

### LEAAD Farms — Marquette, NE — Farm Hand

MAY 2021 - AUGUST 2021

- Strived to create a profitable, safe work environment
- Trusted to maintain and operate important farm equipment
- Discovered new ways to increase efficiency in the field and in the shop

## EDUCATION

### Wichita State University — Wichita, KS

AUGUST 2022 - MAY 2026

#### B.S. Aerospace Engineering (Honors Track)

#### Pertinent Courses:

Physics 313, Calculus II, Engineering Computation

Cumulative GPA (4.0 Scale): 3.85

ACT Composite: 35

## AWARDS & RECOGNITION

### National Merit Scholar Finalist

#### Gore Scholarship Recipient

Wichita State University

#### Wallace Scholarship Recipient

Wichita State University

### US Air Force Academy Nomination

#### Nebraska Academic All-State

Omaha World-Herald

#### 1st in Business Presentation

2019 FBLA State Conference

#### 6th in Sales Presentation

2021 FBLA National Conference

#### 1st in Job Interview

2022 FBLA State Conference

#### Football State Champion

2018 Class-C

#### Football State Runner-up

2020 & 2021 Class-B

#### Pole Vault State Runner-up

2021 Class-B

#### Athletic Letter Winner

2018, 2019, 2020, 2021 Football

2019, 2020, 2021, 2022 Track

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## LEADERSHIP ROLES & INVOLVMENT

### Wichita State Track & Field: 2022-Present

Pole Vault

### Future Business Leaders of America: 2018-2022

State Vice President	2021-2022
State Secretary	2020-2021
Chapter Secretary	2020-2021
Chapter Historian	2019-2020
Chapter Freshman Representative	2018-2019

### Student Council: 2018-2022

Vice President	2021-2022
Class Representative	2018-2021

### National Honor Society: 2020-2022

President	2021-2022
Member	2020-2021

### Skills USA: 2019-2020

Chapter Treasurer	2021-2022
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## VOLUNTEER SERVICE

### National Honor Society

School Service – 18 hours  
Community Service – 20 hours

### Monroe E. Free Youth Group

Flood Relief – 3 hours  
Yard Care – 10 hours

### Student Council

Eight Blood Drives – 40 hours

## SKILLS

### Programming

C/C++, Javascript, Python, Matlab

### Robotics

LORA Radio Control, Kinematics,  
Innovative Design

### Additive Manufacturing/CAD

Autodesk Fusion 360, Blender,  
Formlabs Suite

### Software

Canva, Microsoft Excel & Word