

Home Address

908 1st Ave.
Aurora, NE 68818

Caden R. Carlson

Aerospace Engineering Student at Wichita State University
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University Address

7315 E. 34th St. N.
Wichita, KS 67226

EDUCATION**Wichita State University**

Pursuing Bachelor of Science degree in Aerospace Engineering (Math Minor)

Wichita, KS

Class of 2026

- Relevant Coursework: Digital Computation (MATLAB), Engineering Graphics (CATIA V5), Calculus III, Physics II, Materials Engineering, Differential Equations, Statics

ACT: 35 || GPA: 3.76/4.00

EXPERIENCE**Carlson CAD**

Owner and Operator

Aurora, NE / Wichita, KS

May 2019 – PRESENT

- Utilized computer aided design and additive manufacturing to serve clients across the United States
- Rapidly developed CAD drawings to fit client deadlines
- Created invoices and other administrative documents in order to organize my business

Wichita State University Athletics Department

Tutor

Wichita, KS

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 & II, College Algebra, and Calculus I & II

Grain Weevil Corp.

Engineering Intern

Omaha, NE

January 2022 – August 2023

- Led development of a proprietary depth-camera using Microsoft drivers and C/C++
- Designed, produced, and tested prototypes of new robot features
- Pursued company goals in product testing, research, and development through FEA

LEAAD Farms

Farm Hand

Marquette, NE

May 2021 – August 2021

- Strived to create a profitable, safe work environment while maintaining heavy equipment

LEADERSHIP & INVOLVMENT**Wichita State University Track & Field**

Student-Athlete (Pole Vault)

Wichita, KS

August 2022 – PRESENT

- Competed at the 2023 Indoor and Outdoor American Athletic Conference meets
- Served as a voice for my peers on the Student-Athlete Advisory Committee

Formula SAE

Member

Wichita, KS

August 2023 – PRESENT

- Worked on the Aerodynamics team conducting finite element analysis and design of control surfaces

ACE Mentoring

Mentor

Wichita, KS

June 2023 – PRESENT

- Mentored freshmen engineering students as they grew accustomed to the life of a college student.

Future Business Leaders of America (FBLA)

State Vice-President

Aurora, NE

April 2021 – April 2022

- Won accolades at the National Conference: 6th in Sales Presentation (2021)

SKILLS

Computer Programming: Proficient in Python, C/C++, and MATLAB – Experience in Javascript and HTML

CAD Software: Proficient in Autodesk Fusion 360, Formlabs Suite, and CURA – Experience in CATIA and Blender

Software: Proficient in Microsoft Office Suite including daily use of Excel – Experience in Google Domains and Git/Github