

**Home Address**

908 1<sup>st</sup> Ave.  
Aurora, NE 68818

**Caden R. Carlson**

Aerospace Engineering Student at Wichita State University  
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**University Address**

7315 E. 34<sup>th</sup> St. N.  
Wichita, KS 67226

**EDUCATION****Wichita State University**

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

- ∈ Digital Computation (MATLAB), Engineering Graphics (CATIA V5), Thermodynamics, Fundamentals of Atmospheric Flight, Mechanics of Materials, Dynamics, Statics

**Wichita, KS**

Class of 2026

ACT: 35 || GPA: 3.8/4.00

**EXPERIENCE****Carlson CAD**

*Owner and Operator*

- ∈ 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

**Aurora, NE / Wichita, KS**

*May 2019 – PRESENT*

**Wichita State University Athletics Department**

*Tutor*

- ∈ 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

**Wichita, KS**

*August 2022 – PRESENT*

**Grain Weevil Corp.**

*Engineering Intern*

- ∈ 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

**Omaha, NE**

*January 2022 – August 2023*

**LEAAD Farms**

*Farm Hand*

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

**Marquette, NE**

*May 2021 – August 2021*

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

*Student-Athlete (Pole Vault)*

- ∈ Competed at the 2023 Indoor and Outdoor American Athletic Conference meets
- ∈ Served as a voice for my peers on both the WSU and AAC Student-Athlete Advisory Committees

**Wichita, KS**

*August 2022 – PRESENT*

**Formula SAE**

*Member*

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

**Wichita, KS**

*August 2023 – PRESENT*

**ACE Mentoring**

*Mentor*

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

**Wichita, KS**

*June 2023 – PRESENT*

**Future Business Leaders of America (FBLA)**

*State Vice-President*

- ∈ Won accolades at the National Conference: 6<sup>th</sup> in Sales Presentation (2021)

**Aurora, NE**

*April 2021 – April 2022*

**SKILLS**

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

**CAD Software:** Proficient in CATIA V5, Autodesk Fusion 360, Formlabs Suite, and CURA – Experience in Blender

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

Caden Carlson 2023