

**Home Address**

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

# Caden Riley 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 (WSU)**

*Pursuing Bachelor of Science degree in Aerospace Engineering*

**Wichita, KS**

Class of 2026

ACT: 35 || GPA: 3.75/4.00

- € Candidate for a minor in Mathematics
- € Relevant Coursework: Digital Computation, Calculus II/III, Physics I/II, Materials Engineering, Differential Equations, Statics

**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, College Algebra, Calculus I, and Calculus 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

**LEAAD Farms**

*Farm Hand*

**Marquette, NE***May 2021 – August 2021*

- € Strived to create a profitable, safe work environment
- € Trusted to maintain and operate important farm 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

**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*

- € Previously served as State Secretary (2020-2021) and Chapter Secretary (2020-2021)
- € Won accolades at the National Conference: 6<sup>th</sup> 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, CURA, and Blender

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

**Communication:** Proficient in public speaking after multiple speeches in front of thousands of FBLA members

Caden Carlson 2023