

Home Address

908 1st Ave.
Aurora, NE 68818

Caden Riley Carlson

Aerospace Engineering Student at Wichita State University
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University Address

7315 East 34th St.
Wichita, KS 67226

EDUCATION**Wichita State University (WSU)**

Pursuing Bachelor of Science degree in Aerospace Engineering

- € Candidate for a minor in Mathematics
- € Relevant Coursework: Engineering Digital Computation, Calculus II & III, Physics I

Wichita, KS

Class of 2026

ACT: 35 || GPA: 3.75/4.00

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, College Algebra, Calculus I, and Calculus II

Wichita, KS*August 2022 – PRESENT***Grain Weevil Corp.**

Research Engineer Intern

- € Led development of a proprietary depth-camera using Microsoft drivers and C/C++
- € Created animations for use in marketing environments
- € Pursued company goals in product testing, research, and development

Omaha, NE*January 2022 – August 2022***LEAAD Farms**

Farm Hand

- € 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

Marquette, NE*May 2021 – August 2021*

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

Student-Athlete (Pole Vault)

- € Competed at the 2023 Indoor and Outdoor American Athletic Conference meets

Wichita, KS*August 2022 – PRESENT***Future Business Leaders of America (FBLA)**

State Vice-President

- € Previously served as State Secretary (2020-2021) and Chapter Secretary (2020-2021)
- € Won accolades at the State Conference: 1st in Job Interview (2022), 2nd in Sales Presentation (2021)
- € Won accolades at the National Conference: 6th 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 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

Electrical and Robotics: Experience in LoRaWAN communication, soldering, robotic kinematics, and innovative design

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