**Home Address** Caden Riley Carlson **University Address**  
908 1st Ave. Aerospace Engineering Student at Wichita State University 2020 N. Perimeter Rd.  
Aurora, NE 68818 cadencarlson1@gmail.com || [cadencarlson.com](http://cadencarlson.com/) || (402)–604–4043 Wichita, KS 67208

EDUCATION

**Wichita State University (WSU) Wichita, KS***Pursuing Bachelor of Science degree in Aerospace Engineering*Class of 2026

* Candidate for a minor in Mathematics ACT: 35 || GPA: 3.65/4.00
* Relevant Coursework: Engineering Digital Computation, Calculus II & III, Physics I

EXPERIENCE

**Carlson CAD Aurora, NE / Wichita, KS**

*Owner and Operator 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 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, College Algebra, Calculus I, and Calculus II

**Grain Weevil Corp. Omaha, NE**

*Research Engineer Intern January 2022 – August 2022*

* 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

**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

LEADERSHIP & INVOLVMENT

**Wichita State University Track & Field Wichita, KS**

*Student-Athlete (Pole Vault) August 2022 – PRESENT*

* Competed at the 2023 Indoors American Athletic Conference meet

**Future Business Leaders of America (FBLA) Aurora, NE**

*State Vice-President April 2021 – April 2022*

* 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)

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 Micorsoft Office Suite including daily use of Excel – Experience in Google Domains and Git/Github

**Electrical and Robotics:** Experience in LoRa Radio Control, saudering, robotic kinematics, and innovative design

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