**Home Address** Caden R. Carlson **University Address**  
908 1st Ave. Aerospace Engineering, Gore Scholar at Wichita State University 7315 E. 34th St. N.  
Aurora, NE 68818 [cadencarlson.com](http://cadencarlson.com/) || cadencarlson1@gmail.com || (402) 604–4043 Wichita, KS 67226

EDUCATION

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

* Relevant Coursework: Digital Computation (MATLAB), Engineering Graphics (CATIA V5), ACT: 35 || GPA: 3.80/4.00 Thermodynamics, Fundamentals of Atmospheric Flight, Mechanics of Materials, Dynamics, Statics

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 to organize my business

**Traudt Aerial Service Aurora, NE**

*Aircraft Ground Maintainer May 2024 – PRESENT*

* Maintained two workhorse AT-802As, two agile AT-602s, a powerful AT-502XP, and a small but mighty PA-36
* Assisted in 100-hour inspections, oil changes for both piston and turbine engines, and propeller balances
* Excelled in the high pace, pit-stop-like environment of mixing and loading chemicals onto aircraft

**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 & II, College Algebra, and Calculus I & II

**Grain Weevil Corp. Omaha, NE**

*Engineering Intern January 2022 – August 2023*

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

LEADERSHIP & INVOLVEMENT

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

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

* 2023 American Athletic Conference Track and Field Champion
* Served as a voice for my peers on both the WSU and AAC Student-Athlete Advisory Committees

**ACE Mentoring Wichita, KS**

*Mentor June 2023 – May 2024*

* Mentored first-year engineering students as they grew accustomed to the life of a college student

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

*State Vice-President April 2020 – April 2022*

* Won accolades at the National Conference: 6th in Sales Presentation

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 Tools:** Proficient in Microsoft Word, Microsoft Excel, and GitHub – Experience in Squarespace Domains

**Technical:** Proficient in forklift operation, power tool use, and farm equipment maintenance