

Johan A. S. Yost

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Objective Obtain an internship to gain hands-on experience in biomedical and mechanical engineering. I bring a foundation in technical skills, teamwork, and project-based learning, along with certification in industry-standard tools.

Education **Colorado State University**

Fort Collins, CO

- Majors: Biomedical Engineering and Mechanical Engineering
- Minor: Mathematics
- Certificate Program: College of Business, Entrepreneurship
- Expected Graduation: May 2028
- GPA: 3.327 / 4.0
- Relevant Coursework: Dynamics, Introduction to Manufacturing, Introduction to Design Thinking, Fundamentals of Biomedical Engineering, Intro to Theory and Practice of Statistics
- Advanced Master's Program (AMP)
- Certifications:
 - Haas CNC Operator Certification
 - Certified SOLIDWORKS Associate (CSWA)

Experience **Property Manager**

Yost Enterprises, LLC – Windsor, CO

June 2022 – Present

- Manage and maintain three rental properties
- Coordinate advertising, tenant showings, and lease agreements
- Perform move-out repairs, including patching, painting, and fixture replacement

Hanger Clinic

Clinical Volunteer – Fort Collins, CO

October 2024 – Present

- Shadowed certified prosthetists and orthotists in patient evaluations and fittings
- Gained exposure to socket fabrication, gait analysis, and the fitting of custom orthotic devices
- Observed the integration of biomechanics and patient-centered care in clinical settings

Race Technician, Driver, and Team Member

Uber Schnell Racing – Windsor, CO

2010 – Present

- Race and maintain racing fleet consisting of Tony Karts, Corvette Z06, Corvette Stingray, Mustang Shelby GT350, Subaru BRZ, Honda Civic Type R, BMW 2002
- Maintain support vehicles and trailers; proficient at suspension inspection, brake and fluid checks, tire rotation

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Experience, continued

- Converted a 1976 C3 Corvette to electronic fuel injection from carburetion, added a new ignition system, fuel tank, and fuel lines. Currency adding headers and side pipe exhaust.
- Ensure rulebook compliance and assist with technical inspections
- Handle logistics for track days, car prep, loading, towing, and on-site troubleshooting
- Conduct sponsorship outreach
- Pit Crew Member for Uber Schnell Racing Team when not driving

Projects

- Supported the Biomedical Engineering Society (BMES) Control and Steering Engineering (CASE) Project by assisting with the adaptation of a Subaru Baja vehicle for hands-free driving, contributing to a team effort aimed at improving accessibility and mobility for a CSU student without arms
<https://www.engr.colostate.edu/organizations/bmes/prosthetics-project>
- Designed a custom shift knob using SOLIDWORKS for my 1976 C3 Corvette and successfully 3D printed a working prototype
- Built a CNC-machined desk clock with pen and pencil holders, integrating both engineering precision and aesthetic design; machined brass, aluminum, steel, and acrylic using a CNC mill, turret lathe, and manual lathe
- CSU Multicultural Undergraduate Research Art and Leadership Symposium (MURALS) Research Project: “Colorado Coalition for Equitable Statewide Vehicle Emissions Testing”; nominated by my Composition (CO150) Instructor, Mia Banuelos

Skills

Technical	CNC machining, SOLIDWORKS, general automotive repair, technical drawing, 3D modeling, GD&T
Communication	Team collaboration, sponsor and faculty coordination, clear and timely correspondence
Organization	Efficient file and project management, early task initiation, consistent follow-through, and strives to always beat deadlines
Problem Solving	Creative and persistent in addressing challenges

Honors and Recognition

- **MURALS Scholar**
Colorado State University, 2023/24
“Inclusive Excellence: Innovation & Entrepreneurship” Award for social justice & inclusion; <https://murals.colostate.edu/>
- **Green & Gold Scholar**
Colorado State University, 2023 – present
Academic Scholarship Recipient