

Tyler Odgers

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SUMMARY

Student and leader in mechanical engineering with a passion for learning, mechanical design, organizational leadership, and productivity; Searching to leverage my club leadership and design experience to impact the workplace while continuously pursuing professional development.

EDUCATION

Clemson University

Bachelor of Science in Mechanical Engineering

Minor in Engineering Leadership

First Semester Junior

Clemson, SC

August 2023 – December 2027

GPA: 4.0/4.0

EXPERIENCE

Charleston Water Mission

Intern, Production Volunteer

May 2025-August 2025

- Manufactured 40+ water treatment solutions for developing countries and disaster relief
- Prototyped different forms to streamline production of incubators
- Implemented testing procedures to validate the reusability of well pumps, saving >\$30,000

Champion

May 2025-Present

- Spreading awareness of the global water crisis by organizing a Tiger Band fundraiser

Clemson Baja SAE

President, Treasurer, Member

August 2023-Present

- Collaborating with a team of 20+ people to design eight subsystems in synchrony
- Attaining sponsorships to recover a previous deficit and increase funding by 110%
- Manufactured a car for competition for the first time in 5 years
- Organize club meetings to efficiently complete a one-year design-build cycle

Tyler's Lawn and Landscape

Owner

May 2020-August 2023

- Leveraged low overhead to bring landscaping services to those in need at <75% of the price
- Provided 18+ clients with weekly landscaping service to garner merit-based trust
- Instigated growth by increasing service area and social media presence, reaching over 40 clients

SERVICE

Clemson Habitat for Humanity

Member/Volunteer

January 2024-Present

Clemson University Bands

Clemson Tiger Band and "Jungaleers" Jazz Ensemble

August 2023-Present

Clemson Engineers Without Borders

Member

January 2025-Present

AWARDS

Stratford High School Valedictorian (1 of 460)

National Transportation Week Scholar (2023, 2025)

Propeller Club of Charleston Scholar (2023, 2025)

SC International Trade Conference Scholar (2023)

Carolinas Credit Union Foundation Scholar (2023)

Orders Clemson ME Undergraduate Scholar (2024)

TECHNICAL SKILLS

Microsoft Excel, *Intermediate*

MATLAB, *Basic*

SolidWorks CSWA, *Intermediate*

Microsoft Office Suite, *Basic*

SolidWorks Engineering Drawings, *Basic*

Adobe Express, *Basic*

R, *Basic*

Project Management, *Intermediate*

