

Tylee Kareck

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Collaborative and adaptable chemical engineering student aiming to obtain experience as an undergraduate research assistant with an innovative project. Committed to utilizing problem-solving and organizational skills to promote attention to detail and to support a team.

Education

Bachelor of Science in Chemical Engineering

Expected May 2025

Oklahoma State University, Stillwater, OK

GPA: 4.0/4.0, Minor: Data Analytics for Engineers

Honors and Awards:

- President's Honor Roll (Fall 2021, Spring 2022, Fall 2022, Spring 2023)
- CEAT Dean's Award: National Merit Scholarship (April 2022)
- Chemical Engineering Alumni Scholarship (March 2022)
- Academic Scholar Tuition Waiver (August 2021)

Work Experience

Oklahoma State University, Stillwater, OK

Mathematics Tutor

(08/2022)-Present

Responsibilities:

- Coaching and empowering 20 to 30 students per week to be independent learners by implementing student-centered tutoring techniques.
- Actively engaging with fundamental mathematics individually and alongside co-tutors and students.
- Tutoring students in college-level math through Differential Equations.

Accomplishments:

- Received the February 2023 Tutor of the Month Award for diligence, promptness, and effectiveness in tutoring and professional development.

Community Involvement

FIRST Tech Challenge Team 13799, Reno, NV

Captain and Founder

(08/2016)-(03/2021)

Actively engaged with all steps of the engineering design process to design, build, program, and operate one 40-lb robot per 7-month competition season. Facilitated design and game strategy planning among a team of 3 to 7 members. Presented design, coding, fundraising, and outreach efforts to students and judge panels.

American Institute of Chemical Engineers, Stillwater, OK

Oklahoma State University Branch Member, National Student Member

(08/2021)-Present

Attends general body speaker meetings where companies in a wide variety of industries discuss career opportunities and network with students. Engages with SChE Certificate Program process safety courses and is familiar with the basics of process safety.

Skills

Aspen HYSYS, Microsoft Excel, FreeCAD, Microsoft Word, Writing