

GRACE KEONINE

(469) 995-6080 • gkeonine@gmail.com

Experience

University of Texas PTS

Student Assistant

Austin, Texas

10/2022 - Present

- Assisted visitors with navigating university campus during events hosted by the university
- Directed both vehicles and pedestrians on special college sport game days to ensure smooth flow of crowds

VEX Robotics Club

Robotics Team Captain

Richardson, Texas

09/2018 - 05/2022

- Designed and created a robot for the purpose of advertising the robotics program in my high school
- Mentored and taught new members the design process for the creation of new robot components
- Communicated with our sponsor about budget allocation and ways to use funds in an efficient manner

The Warren Center

Development Intern

Richardson, Texas

06/2021 - 08/2021

- Researched and contacted a multitude of companies to inquire about potential donations
- Brainstormed and developed ideas with executives to maximize money raised from fundraising events
- Maintained up-to-date information on donations and funds received from individuals and groups

Buddhist Center of Dallas

Thai Music Teacher

Dallas, Texas

08/2015 - 10/2019

- Provided quality education on how to play Thai music to children, teens, and adults
- Cultivated professional relationships with students, parents, other teachers, and community members
- Repaired and maintained various instruments under my care

Projects

Reservoir Engineering Class Project

Austin, Texas

02/2025

Using CMG simulation software, I developed a virtual drill well to analyze wellbore data for precise assessment of composition and in-place volumes. Utilizing this data, I deriving key metrics including original oil in place, time to pseudo-steady state flow, and recovery factor to optimize extraction strategy planning.

VEX U Robotics

Austin, Texas

11/2022

Working with a team of 3, we utilized CAD software and the R&D method to create a launching mechanism for a robot. This launching mechanism had the purpose of launching frisbee-like discs to score points in a game. This mechanism later became the basis for the main robot that qualified our team for the VEX Robotics World Championship.

Zero Robotics Mentorship

Allen, Texas

07/2019

Designed and co-led a 2-month-long Python programming curriculum for middle school students, collaborating with a team of mentors to introduce core coding concepts. In addition, this curriculum included modules with the purpose of letting students develop strategic problem-solving skills by programming drones to execute simulated drilling tasks in a virtual environment.

Education

University of Texas at Austin

BS in Petroleum Engineering with a Minor in Sustainable Energy

2026

Skills

AutoCAD • SolidWorks • Python • ResFrac • CMG • PVTsim • SketchUp