
Malika M. Rao

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EDUCATION:

University of Texas, Austin 2020 - present
Cockrell School of Engineering, Environmental Engineering
GPA: 3.93 Expected Graduation: 2024

WORK EXPERIENCE:

Course Grader for OnRamps Precalculus 2022 – present

- Accurately and consistently graded course assignments and assessments using Canvas LMS
- Review work and mathematical calculations for accuracy and correctness for modules, activities, assessments, and other graded course objectives
- Efficiently meets expectations of work requirements as assigned.

Engineering Intern for GivePower Foundation May 22 – Aug 11, 2023

- Created, modified, and updated assembly drawings, layout drawings, and SOPs.
- Assisted with equipment and product specifications and manuals, and researched alternatives.
- Assisted with system assembly and testing.

EXPERIENCE and ACTIVITIES:

Kumar Research Group, University of Texas, Austin 2022 - present
Working with PhD student Aida Fica as an undergraduate research assistant to use droplet interface bilayers (DIBs) to evaluate membrane protein characteristics.

Engineers for a Sustainable World 2021 - 2022
Promotes sustainability for the community through events and projects

Piano 2018 – present
Continuing to pursue musical interests and refine talent with lessons via Zoom from Joshua Vigran, DMA

ACHIEVEMENTS:

College Scholar, Cockrell School of Engineering 2023
Awarded to undergraduate students who have completed at least 30 semester hours of coursework in residence, and at least 60 semester hours of college coursework, and ranking in the top 20 percent of their class in their college

SKILLS and LANGUAGES:

- MATLAB: intermediate skill

- Python: intermediate skill
- Microsoft Excel, Word, PowerPoint
- AutoCAD: intermediate skill