

# Rand Alagha

---

Doha, Qatar | 50410201 | rand.alagha@qatar.tamu.edu

## Education

### TEXAS A&M UNIVERISTY AT QATAR

- Bachelor of Science in Petroleum Engineering
- Current Cumulative GPA: 3.88/4.0
- Expected graduation: May 2022

## Honors, Awards and Achievements

- Induction in Tau Beta Pi (TBP), National Engineering Honor Society (Mar 2021).
- Induction in Pi Epsilon Tau (PiET), Petroleum Engineering Honors Society (Mar 2021).
- Phi Kappa Phi Outstanding Junior of Texas A&M University at Qatar award (Feb 2021).
- Distinguished Student Award, Texas A&M University at Qatar (Sep 2019).
- Qatar Foundation Merit Scholarship recipient, Qatar Foundation (Jun 2019).
- Outstanding Student Award of the Class of 2022, Petroleum Engineering Department (Apr 2019).
- Outstanding member appreciation award, Society of Petroleum Engineers (Apr 2019).
- Two Publications in Best Writing 2019, Texas A&M University at Qatar annual publication (Sep 2019).
- Member of the semester, Palestinian Cultural Club (Dec 2018).
- Most active member, Society of Petroleum Engineers (Nov 2018).

## Research Experience

### Undergraduate Research Experience Program (UREP)

- Analyzing Capillarity Trapping in 3D printed porous media: the effect of pore structure and wettability (28<sup>th</sup> cycle, 2021-present).
- The Effect of Ultrasonic Waves on Drilling Fluid Foaming (26<sup>th</sup> cycle, 2020-present).
- A Novel Study on the Enhancement of Completion Fluids Corrosion Properties in Petroleum Production System (25<sup>th</sup> cycle, 2020-present).

### Responsive Research Seed Grant (RRSG)

- "How Attractive is the Engineering Profession for Females in Qatar?" (2019-present).

### Transformative Education Experience (TEE)

- Learning Journal, A Transformative Learning Tool for First-Year Students (2019-2020).

## Work Experience

### Texas A&M University at Qatar

- Student Assistant, Petroleum Engineering Department (Dec 2020- Jan 2021).  
Tasks: Preparing and revising teaching material.
- Student Worker, Liberal Arts Department (2019-2020).

Tasks: Drafting the survey, interview, and focus group questions; helping schedule interviews and focus groups with participants; assisting with collection and analysis of data; conducting literature searches; and assisting with relevant workshops and development of workshop materials.

## Leadership Experience

- **Texas A&M University at Qatar**
  - President, Pi Epsilon Tau (Petroleum Engineering Honors Society TAMUQ Chapter) (Feb 2021, present).
  - President, Palestinian Cultural Club (Mar 2020, present).
  - Panelist, New Student Orientation (Aug 2020).
  - Head of Events, Palestinian Cultural Club (Feb 2019 – Mar 2020).
  - Orientation Leader, Department of Student Affairs (Aug 2019).
- **Society of Petroleum Engineers Texas A&M University at Qatar student chapter**
  - Team Leader, Abu Dhabi International Petroleum Exhibition & Conference (Nov 2020).

## Participations

- **Texas A&M University at Qatar**
- Society of Petroleum Engineers
  - PetroBowl (Jun 2020-Jan 2021).
    - Ranked 2<sup>nd</sup> place in MENA regional PetroBowl 2020. Qualified for the championship.
- Center of Teaching and Learning
  - Enterprise Risk Management course, Texas A&M at Qatar (May 2020).
  - Empowerment and Workplace Motivation course, Texas A&M at Qatar (Jan 2020).
- Pathway for Retention in Engineering Programs (Aug 2018).

## Skills

- **Programming;** MATLAB and Python.
- **Microsoft Office.**
- **Languages;** Arabic (native) and English (fluent).