

Rand Alagha

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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 (28th cycle, 2021-present).
 - The Effect of Ultrasonic Waves on Drilling Fluid Foaming (26th cycle, 2020-present).
 - A Novel Study on the Enhancement of Completion Fluids Corrosion Properties in Petroleum Production System (25th 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 2nd 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).