

ROKAYA HAMDY ABDELATTY

CONTACT

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SKILLS

- Microsoft office tools
- Aspen HYSYS V9
- Aspen Plus V9
- Visio
- HTRI Xchanger Suite7
- Origin Lab

PROFESSIONAL SUMMARY

Experienced research assistant successful at designing and implementing study parameters. Proficient in analysis and data modeling. Highly efficient and accurate with analytical approach. Detail-oriented Research Assistant with hands-on experience performing clerical and laboratory work to advance research goals. Highly proficient in conducting comprehensive literature reviews, providing computational research support and preparing samples and specimens for testing.

EDUCATION

Bachelor of Science : Chemical Engineering, 12/2019
Qatar University

- Graduated from an ABET accredited program in Chemical Engineering with a cumulative GPA: 2.93
- Graded B+ in my Senior Design Project "Formaldehyde Production Plant Design in Qatar"
- Plant was designed to produce a capacity of 100,000 MTPA of Formaldehyde

WORK HISTORY

Research Assistant, 07/2020 to Current
Center for Advanced Materials

- Planned, modified, and executed research techniques, procedures and tests.
- Validated incoming data to check information accuracy and integrity while independently locating and correcting concerns.

Undergraduate Student Research Assistant, 02/2018 to 05/2019
Qatar University

- Worked on a project (storage of solar thermal energy using phase change materials) under the fund of UREP (QGRANTS).
- Worked at Center for Advanced Materials.

Student Employee, 12/2016 to 12/2019
Student Employment Program

Fulfilled 560 hours as a student employee in the following departments:

- College of Engineering, Academic Advising Office (Peer Advisor)
- Student Learning Support center (Peer Tutor)
- Social and Economic Survey Research Institute (Translator and Interpreter)

CERTIFICATIONS

- Attended and passed the requirements of an online summer internship on Petroleum Engineering founded by PioPetro of Marietta College and SPE

Egypt Section (2019)

- Attended Female Maintenance Awareness Workshop by Mowasalat Qatar (2019)
- Contributed in The Clubs Forum of Chemical Engineering (2019)
- Attended the Field trip to Doha North Sewage Treatment Works by "Ashghal" (2019)
- Accomplished the summer internship program at Qatar Meteorology Department (2018)
- Participated in the Poster Competition of "My Gateway to Research" (2018)

AFFILIATIONS

Member of AIChE (American Institute of Chemical Engineers) since 2017

VOLUNTEERING

- Volunteered as an organizer at 8th Global Conference on Global Warming
- Volunteered as a support member at TED-x Qatar University
- Volunteered as an assistant for 95 hours at Al-Muntazah Health Care Center

LANGUAGES

- Arabic (Native)
- English (Proficient)

REFERENCES

References available upon request.