

AHMAD MOHAMMAD

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QUALIFICATIONS

Accomplished and motivated undergraduate student with an excellent academic record and a pending B.Sc in Nuclear Engineering; eager to gain an engineering experience in the energy field; Selected for the coveted Brookhaven Research Lab internship and an internship with the U.S. Department of Energy. Demonstrated ability to lead both students and projects through roles as a Peer Leader and Student Ambassador; excellent communication and public relations skills. Fluent in Arabic and English. Willing to travel and/or relocate.

EDUCATION

OREGON STATE UNIVERSITY, Corvallis, OR

Bachelor of Science in Nuclear Engineering – Minor in Mathematics (GPA 3.51), Expected 6/2013

- Received the “Arab Chemistry Olympiad Outstanding Student Award”, Kuwait Foundation for the Advancement of Sciences, (2012).
- Awarded a Merit Scholarship from the Ministry of Higher Education of Kuwait.
- Curriculum includes: Thermal Hydraulics, Neutronic Analysis, Heat Transfer, Fluid Dynamics, Nuclear Rules and Regulations, Nuclear and Radiation Health Physics, Radiation Protection, Introduction to Thermal Fluid Sciences, thermodynamic, Statics, Dynamics, Material Sciences and General Physics/Chemistry.

INTERNSHIP/VOLUNTEER EXPERIENCE

UNITED STATES DEPARTMENT OF ENERGY (DOE), Corvallis, Oregon

2012 - Present

Energy Student Ambassador

- Conduct information sessions and presentations in conjunction with the respective Career Services departments at the 3 largest universities in Oregon (Oregon State, University of Oregon and Portland State); selected as only one of 7 ambassadors from a pool of 57+ candidates.
- Coordinated efforts with the Oregon State campus Career Services to establish an office space for students to gain information regarding DOE careers.
- Collaborated with the student chapter of the Sustainable Energy Initiative to bring a DOE agency representative to campus to discuss career and internship opportunities; 100+ students attended the event.

BROOKHAVEN NATIONAL LABORATORY, Upton, NY

6/2012 – 8/2012

Undergraduate Research Intern

- Chosen from the top 20% of candidates for a highly competitive internship contributing to research on the triple Nobel Prize winning national synchrotron light source.
- Performed extensive research of written documentation on various X-ray detectors; spent countless hours training on laboratory equipment and executing experiments.
- Achieved the desired research results and communicated them through a poster and presentation for a public audience at the laboratory.

OREGON STATE UNIVERSITY, Corvallis, OR

4/2012 – 12/2012

U-Engage Peer Leader

- Promoted successful transitions for new students by leading orientations and tours; delivered introductory courses on student life, time-management and campus resources in conjunction with faculty members.
- Represented OSU with a positive attitude, enthusiasm, and professionalism; created an open door concept for freshman students needing assistance.

HABITAT FOR HUMANITY, Corvallis, Oregon

2012 - Present

Volunteer

- Painted, transported materials and completed other construction related activities; collected donations.

HEARTLAND HUMANE SOCIETY, Corvallis, OR

4/2012 – 6/2012

Volunteer

- Advocated for animal rights by assisting with fundraisers and recruiting drives; provided food for the shelter animals and cleaned their living areas.