

Ahmed Al Momen

Chemical Engineer

Personal Info

Address
University Address:
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Date of birth
September 09, 1996

Personal Website
aalmomen.com

LinkedIn
linkedin.com/in/ahmedalmomen

Languages

English

Fluent

Arabic

Fluent

Skills

- Successfully completed the SAcHE Certificate Program - Risk Assessment Course
- Successfully completed the “Chemical Hygiene Training Part 1 & 2 – Lab Safety and Hazardous Waste Management” Program
- Familiar with Heat Exchangers, Mixing, Pipetting, Distillations, Centrifuging, and Crystallization
- Strong time management, organizational & communication skills
- Strong leadership Skills
- Willingness to learn, and accept constructive criticism, diligent collaborative and independent worker

Candidate for Bachelor of Science in Chemical Engineering; Minor in Entrepreneurship

Education

Sep 2014 - May 2019

Northeastern University, Chemical Engineering, Entrepreneurship, Bachelor of Science
Current GPA: 3.43
Honors: Dean’s List (Fall 2014 & Fall 2016)

Courses: Process Control, Design 1: Process Analysis, Thermodynamics I-II, Transport Processes I-II with lab, Drugs & Society, Lean Concepts and Applications, Calculus I-III, Differential Equations and Linear Algebra for Engineering, Physics I-II with lab, Organic Chemistry I-II with lab, Engineering Problem Solving & Computation (C++ & MATLAB), Conservation Principles

Work Experience

Oct 2017 - Dec 2017

Hardware Engineering Intern
Tagup

- Built out an industrial gateway product
- Learned and implemented all forms of industrial communication protocols for machine interfacing
- Created an IoT hardware product that connect to the Tagup backend

Jul 2015 - Aug 2017

Contracting Intern
AlFursan Alawael

- Interned at a local real estate/contracting company in Saudi Arabia, summer of 2015-2017
- Shadowed employees during the property selection process, and learned how to analyze different locations and determine the demand in the area (Villas, Apartment buildings)
- Hired an architect to develop the blueprint of the building
- Made sure all government guidelines are met with regards to electricity, sewage, and water
- Subcontracted the construction of the project
- Hire a construction engineer to inspect the site and progress to ensure quality and accuracy (based off of blueprint)
- Conducted site visits to ensure all tasks are completed on time and provide any necessary equipment such as cement and other construction materials.

Volunteer Experience

Feb 2017

Math Tutoring at X-Cel Education
Boston Cares

- Tutored adults from different cultures and levels of math proficiency in order to make high school completion, and sustainable career paths more accessible to underserved communities in Greater Boston

Feb 2017

Childcare & Dinner at the Jeremiah-Endicott Program
Boston Cares

- Baby sitting kids, helping with their homework and preparing dinner for them while their mothers attend a Jeremiah-Endicott Program orientation

Aug 2013 - May 2014

Tutoring Club
Dhahran High School

- Tutored students in Pre-Calculus

Aug 2012 - May 2014

Prom Committee
Dhahran High School

- Assisted in the planning and organizing of prom for the class of 2013 and 2014

Software

AutoCAD



Solidworks



Microsoft Office (Word, Excel, PPT, Access)



Matlab



C++



Adobe Photoshop



Adobe InDesign



HTML



- Planned and led fundraisers for prom (helped develop leadership skills)

EFFECT Club

Dhahran High School

- Was a member of the environmental club in school (took care of recycling, waste, as well as gardening on campus)

Habitat for Humanity

Dhahran High School

- Organized fundraisers, food drives, and events at school (all proceeds were donated to different charities and organizations around the world to aid build houses for the impoverished)

Service Trip to Vietnam

- Organized and cleaned an orphanage for disabled people by refurnishing rooms, and painting walls (over a period of 1 week, had to meet a certain deadline, thus we had to be able to manage our time)
- Entertained and interacted with kids with disabilities (required good communication and social skills, as these kids and teachers did not speak English)

Certificates

Jan 2017 **ELA903: SAChE Certificate Program - Risk Assessment**

Jan 2017 **Certificate of Professional Development Hours**

Activities

Active member of Boston Cares

Northeastern University Hus-skiers and Outing Club (NUHOC)

American Institute of Chemical Engineers (AIChE)

Interests

Sports (soccer, football, basketball, volleyball, swimming, and weightlifting)