

Profile

Energetic and hardworking individual seeking opportunity in Engineering. Possess strong interpersonal and problem solving skills developed through experience in customer service. Ability to work individually and in groups. Work well under pressure to meet project deadlines.

EDUCATION

B.E., Chemical Engineering, City College of New York: June 2011

Major GPA: 3.4

RELEVANT COURSEWORK

Organic Chemistry I & II, Physical Chemistry I, Chemical Process Concepts and Methodology, Thermodynamics I& II, Intro Materials Science, Heat Transfer I & II, Unit Operations I & II, Chemical Reaction Kinetics, Chemical Engineering Process Dynamics & Control, Nanomaterials, Pharmaceutical Apps, Techniques in Chemical Engineering Design, Chemical Engineering Project Design

QUALIFICATIONS

Computer Skills: Microsoft Word, Excel, PowerPoint, Aspen, Super Pro, SAP

Core Qualities: Quick learner, task oriented, flexible, time management, excellent project management, dedicated

Languages: Fluent in Arabic

Lab Experience: five years academic and hands on lab experience, knowledge of general and organic chemistry, handling chemicals, familiar with Material Safety Data Sheet (MSDS), setup experiments, familiar with pumps, heat exchangers, high temperature equipment, centrifuges, filtration, drying

PROJECT

Senior Design Project: Led a team of 5 people that developed a plan for a biodiesel-producing chemical plant. Focus of the project was high production of bio-diesel while maintaining low equipment costs. I have determined the proper flow rate, size and cost of each piece of equipment. I have determined the payout time and the production rate per year. (*Spring 2011*)

EXPERIENCE

Palm National Partners, New York, NY

Financial Analyst

10/12- 01/13

- Made around 300 outbound cold calls daily
- Called small business owners to offer them capital up to \$200,000 based on business cash flow not credit card score.
- Discussed their financial status and how much they would need to expand their businesses.

Earth Friendly Products Company, Norwood, NJ

09/12 - 12/12

Internship Chemist

- Evaluated QC of detergents` samples and handled Laboratory equipment.
- Measured PH and viscosity using viscometer.
- Used the centrifuge to make bubbles disappear from different samples.
- Determined and controlled temperature.
- Performed bacteria and mold test by using microbiology.
- Worked independently as well as part of a team.
- Made inventory for personal safety equipment and chemical products.

Tutor, New York, NY

09/10 –11/12

Tutor college students` calculus, algebra, general chemistry, organic chemistry, and thermodynamics.

Green Leaf & Bananas, Staten Island, NY

08/08 – 05/10

Cashier

- Provided customer service at smoothie and sandwich shop.
- Prepared orders and served customers.
- Handled cash, credit and debit card transactions.

Auntbuchs Food Store, New York, NY

12/06 –08/08

Cashier

- Managed customer traffic and sales at fast-paced ferry terminal coffee shop.
- Handled cash transactions.
- Resolved customer complaints.

AFFILIATIONS

Member, Arab American Association of Engineers, Architects, 2012-Present

Member, Omega Chi Epsilon Honors Program, City College of College, 2010-Present

Member, American Institute of Chemical Engineers, August 2008 – Present

CERTIFICATIONS

AIChE & SAcHE Certifications: Chemical Process Safety, Runaway Reactions, Risk Assessment, Chemical Reactivity Hazards, Inherently Safer Design, Dust Explosion Control, Process Safety 101.

