

JOB TARGET Chemical Engineering/Process Design or related opportunity where B.S. degree can be utilized.

EDUCATION PENNSYLVANIA STATE UNIVERSITY, University Park, PA
B.S. - Chemical Engineering, 5/09
GPA: 2.86/4.00, Spring '09 GPA: 3.33/4.00

Career Courses:

Mass Balances	Heat Transfer	Mass Transfer
Biomolecular Engineering	Polymeric Materials	Thermodynamics I-II
Fluid Dynamics	Mathematical Modeling	Reaction Engineering
Production Process Engineering		

Design Project (2009): Worked as Researcher and Lab Manager for the University with Professor Darrell Velegol, Ph.D. Conducted research on colloids with focus on proving that SQF method works in conjunction with nanoparticles. Received an *Excellent* evaluation for project efforts.

- Conducted experiments on UV/VIS and light scattering instruments.
- Created website reflecting research as part of lab work assignment (www.personal.psu.edu/chw5007)
- Co-authored upcoming publication on research for a scientific journal.

Lab Management

Serviced lab instruments including UV/VIS, light scatterer, and the DI water system. Prepared and positioned equipment scheduled for use during laboratory teaching sessions. Opened and closed labs. Reported and documented technical problems on lab equipment.

COMPUTER SKILLS MatLab – HYSYS – ProPlan – MS Word – Excel – PowerPoint

DISHWASHER, Rolling Hills Country Club, McMurray, PA

summer 2008

Ensured availability and sanitation of dishware/glassware/silverware. Maintained proper sanitation quantities for industrial cleaning equipment. Set up cleaning equipment during AM and closing times. Monitored equipment for malfunction and/or repairs for same. Assisted with general kitchen upkeep and overall maintenance.

DELIVERY TRUCK DRIVER, Home City Ice, Bethel Park, PA

summer 2006

Drove a 30-foot box truck for delivering bulk ice to gas stations, convenience stores, grocery chains, and beer distributors, throughout Pittsburgh and surrounding areas. Performed daily routine truck inspections and documented any safety concerns. Established and maintained good relations with customers. Scrutinized invoices to ensure order accuracy. Maintained an accurate, detailed delivery log.

CREW TRAINER, McDonalds Corporation, McMurray, PA

summer 2005

Trained new employees on cash register operations, company policies & procedures, standard operating procedures (kitchen), proper cooking methods, sanitation regulations, proper food handling, customer service, suggestive selling techniques, product specification procedures, quality control, store closing procedures, and use of kitchen equipment. Responsible for new crew member orientation process.

AFFILIATIONS American Institute of Chemical Engineers

COMMUNITY INVOLVEMENT

Church Volunteer (past 14 years)
Assist in preparation for church functions, general maintenance and Sunday mass activities.

Excellent References Furnished Upon Request