

ANECIA D. SHELTON

OBJECTIVE

To obtain a challenging internship in the field of process design or optimization.

EDUCATION/RELEVANT TRAINING

TEXAS A & M UNIVERSITY College Station, TX
MS in Chemical Engineering
Research Area: Process Integration, Synthesis, Design and Optimization with
Economic and Environmental Objectives.
Expected Graduation: May 2007

UNIVERSITY OF OKLAHOMA Norman, OK
BS in Chemical Engineering, May 2003

Additional Training Courses:

- Maintenance and Reliability Best Practice Conference
- Steam System Training
- Vacuum System Training
- People Skills Training
- OSHA General Industry Safety Course

EXPERIENCE

May 2003-
Present

Cargill Sweeteners North America
Memphis, TN
Process Development Engineering Group

- Managed several groups of contractors to complete a \$200,000 retube of a rotary steam tube dryer on time and under budget.
- Developed a system to “grade” resin performance. System is currently being used by R&D and purchasing for contract negotiations with resin suppliers.
- Engineered, installed, and conducted the start up of a \$300,000 density separation project that will save the division about \$100,000 per year.
- Developed a visual basic program to increase employee engagement by automatically updating and displaying monthly key metric goals on a daily basis.
- Implemented projects at 7 different plants to reduce ion exchange costs of demineralizers across the entire Sweetener Division by 15%

Summer 2002 **DOW Chemical Corporation**

Freeport, TX

Summer Intern

- Designed a material balance program to predict accumulation and output for non-reacting tanks in series.
- Assisted a team of engineers in obtaining data to develop a Six Sigma Project to prevent wastewater excursions into Texas water.
- Utilized a statistical modeling software program to determine the probability of wastewater excursions

Fall 2001 **University of Oklahoma Alumni Outreach Program**

Norman, OK

Student Caller

- Served as a liaison between the University of Oklahoma and Alumni to keep them informed of upcoming events at the University.
- Helped raise over \$1 million for several colleges, scholarships, and foundations at the University of Oklahoma.

Summer 2000 **Shell Chemical**

Houston, TX

Summer Intern/ Lab Assistant

- Developed a process to remove residue from pipes in the Pilot Plant.
- Researched and recommended software package to enhance communication between management and the Pilot Plant.

HONORS AND AWARDS

National Merit Scholar
Oklahoma Regents Scholar
Shell Chemical Scholar
Mobil Oil Scholar

United Technologies Scholarship Recipient
Bethany Baptist Church Outstanding Student
Multicultural Engineering Program 3.0 Club
Outstanding Senior Defense Award

LEADERSHIP AND AFFILIATIONS

Society of Women Engineers
(1999-Present)

Black Graduate Student Association
(2005- Present)

Delta Sigma Theta Sorority, Inc.
(2nd Vice President 2002-2003)

American Institute of Chemical Engineers
(1999-Present)

National Society of Black Engineers
(1996- Present)

National Panhellenic Council
(Vice-President 2002-2003)

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