

Latonia Shirrel Rami

Current:

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Permanent:

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OBJECTIVE: To acquire a challenging Chemical Process Engineer position in the manufacturing industry.

EDUCATION: Tulane University

Bachelor of Science in Engineering - Chemical Engineering

Xavier University of Louisiana

Bachelor of Science - Chemistry (A.C.S. Certified)

New Orleans, LA

May 1999

New Orleans, LA

Minor: Mathematics May 1999

CERTIFICATION: Louisiana Professional Engineering and Land Surveying Board

Engineer Intern #T-19643 December 2000 (Currently working on Professional Engineer license)

EXPERIENCE HIGHLIGHTS

PROJECT/TEAMWORK:

- Utilized Pro II to design plant processes.
- Consulted with team of 6 to implement a Precipitant Stabilizing Solids Recycle system on brine unit at plant.
- Worked with team of 3 interns to perform an economic analysis on OxyChem's recycle project which saved company over \$50,000.
- Core team member for 17 month project implementation of statewide construction management software.
- Designed, implemented, and maintain the only MS Access database program within unit allowing for improved tracking of samples, faster retrieval of results, and better service to customers.

MANAGEMENT:

- Manage the complex functions of 4 chemical laboratories including all work assignments of 2 Professional Chemists and 1 Engineer Technician DCL.
- Directs the chemical testing & reporting functions of the NIST Cement & Concrete Reference Laboratory (CCRL) and AASHTO Materials Reference Laboratory (AMRL) proficiency sample testing.
- Prepare and report results on materials for over 100 ongoing projects. Set priorities on work in lab as necessary.
- Knowledge of ASTM and AASHTO specifications of over 50 different types of materials analyzed. Update chemical testing procedures.
- Calibrate, operate, and maintain highly specialized analytical instruments. Determine new equipment specifications for purchasing bids.

CUSTOMER SERVICE/COMMUNICATION:

- Provide statewide technical support to Engineers, 9 District Laboratories, Purchasing, and manufacturers.
- Collaborated with President/CEO, Technical Manager, Sales Representative, Engineers, R&D Manager, and QC Manager to resolve problems of material sampling, testing, and reporting procedures for projects in which material were being used.

SAFETY:

- Member of Emergency Response Team and currently trained in Adult CPR and First Aid.
- Obtained plant safety training at OxyChem Taft Plant.
- Organize and lead monthly safety meetings for chemical unit. Produced laboratory safety inspection report.

COMPUTER SOFTWARE:

- Proficient in MS Word, Excel, Advanced MS PowerPoint, Intermediate MS Access, Lotus Notes, ProII, Fortran, and SiteManager
- Operation of equipment software for FTIR, X-Ray Diffraction, ICP, and Leco Carbon/Sulfur Analyzer

EMPLOYMENT HISTORY:

Louisiana Department of Transportation and Development

Baton Rouge, LA

Materials & Testing Laboratory Section

Chemical Engineer Intern 2

June 2001 – Present

Professional Chemist

May 2000 - June 2001

Engineer Technician 3

January 2000 – May 2000

OxyChem Taft Plant

Hahnville, LA

Process Engineer Intern Tulane University Practice School

January 1999 – May 1999

PROFESSIONAL AFFILIATIONS: American Institute of Chemical Engineers, National Society of Black Engineers, Society of Women Engineers, Delta Sigma Theta Sorority (Opelousas Alumnae Chapter - Chairperson, Corresponding Secretary, Choreographer)