

EDWARD GITONGA

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OBJECTIVE

Seeking a progressively challenging engineering and operations management leadership position that will allow the opportunity to utilize my education, skills and experience in a professional environment, while strengthening my interpersonal and organizational skills so as to meet and exceed the needs of corporate America.

EDUCATION

Bachelor of Science, Industrial Technology; Manufacturing Concentration

University of Arkansas, Pine Bluff, AR

Graduated Magna Cum Laude: May 2012

Cumulative GPA 3.61/4.0

PROFESSIONAL EXPERIENCE

Process Engineer Intern – Owens Corning Corporation, Delmar, NY

Summer 2011

- Designed and developed a package labeling system that eliminated a 3% scrap rate/year due to labeling errors.
- Managed and implemented a water sustainability project that uncovered savings of approximately \$100,000/year.
- Developed a Capital Appropriation project that reduced the amount of capital needed for the project by 80% to \$20,000.
- Ensured process capability by monitoring process parameters, troubleshooting where necessary and formulating solutions.
- Developed and implemented new SOPs that streamlined and improved the operating efficiency of a team of 22 operators.

Operations Management Intern – Nabholz Construction Corporation, Conway, AR

Summer 2010

- Optimized the scheduling of tasks by ensuring efficiency thereby achieving completion of the project 2 weeks ahead of schedule.
- Led daily Task Hazard Analysis measures that achieved a 0 accident achievement goal by completion of the project.
- Managed a team of contractors and subcontractors so as to ensure compliance with the projects regulations and desired outcomes.
- Contributed in the project management of the construction and maintenance project by cost estimation and appropriation.

Industrial Engineer Intern – Aeon Coil Products Incorporated, Longview, TX

September 2008-July 2009

- Developed an Access database tracking system for frontline management that optimized productivity of the production staff by 15%.
- Participated in waste elimination practices by implementing various lean manufacturing practices.
- Engineered and designed AutoCAD blueprints for improved functionality of parts and components for manufacturing.
- Contributed to inventory management in the effort to ensure minimum overhead costs and timely delivery of merchandise.

SKILLS

Proficient user in the following software: Microsoft Office: Word, Excel, PowerPoint, Access and Visual Basic. Aspen Process Explorer. SPSS Statistical Application. Engineering Graphics: AutoCAD and SolidWorks. Windows Platforms: DOS, XP, Vista and 7.

LEADERSHIP

Vice-President, Associated Society for Manufacturers (2011-2012)

President, International Student Organization (2010-2011)

Treasurer, American Society for Quality (2009-2010)

HONORS

Member, Honors College (2009-2012)

Dean's List (2010-2012)

Chancellor's List (2009-2010)

VOLUNTEER WORK

Tutor, University of Arkansas at Pine Bluff, Pine Bluff, AR

2009-2012

- Tutor approximately 6 students per semester in Math, Calculus, Algebra, Physics, Statistics and Strength of Materials. Students typically show a two letter grade improvement within one month.

Volunteer, Habitat for Humanity, Dallas, TX

2010-Present

- Assisted with the construction of new home for a deserving family by supervising and participating in the building process.

Volunteer, Salvation Army, Dallas, TX

2008-Present

- Prepared and served meals to underprivileged families in the community during the Christmas holiday season.

RELEVANT COURSE WORK

Lean Manufacturing/Six Sigma

Production Operation Management

Quality Control & Assurance

CNC Manufacturing

Estimating & Scheduling

Automated Manufacturing Systems