GBOTEMI BALOGUN

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OBJECTIVE

Seeking a summer internship position where I can apply my knowledge of Statics/Dynamics as well as thermodynamics, that will lead to opportunities in Design, Production, maintenance or manufacturing Engineering.

EDUCATION

Texas A&M University, College Station, TX — Graduation: December 2016
Bachelor of Science in Mechanical Engineering
Overall GPR: 3.435

RELEVANT WORK EXPRERIENCE

Texas A&M Industrial Assessment Centre — Spring 2015 - Present
Student Technician

- Perform energy audits to correctly measure, record, and analyze data at industrial sites.
- Help identify potential cost saving measures; from energy efficiency improvements, waste minimization, and productivity improvements.

Texas A&M University**,** College Station, TX — Spring 2014 - Present
Material Science Department
Undergraduate Researcher

- Research the effects of metal surface roughness and thickness of dielectric layer on resistance switching devices.
- Use The Keithley 4200 Semiconductor Characterization System (**4200 SCS)** to source a voltage and measure both voltage and current, while making I-V sweeps and resistance measurements.
- Apply and improved technical writing skill while writing research paper.

Best Way Auto Shop, Lagos, Nigeria — Summer and Fall 2012
Mechanic's Apprentice

- Disassembly of vehicle parts.
- Communicate with customers.
- Overseeing of auto shop.

PROJECTS

Texas A&M Sounding Rockery Team, Texas A&M University — Fall 2014 - Present
Propulsions Team member

- Help design and build the rocket engine.
- Use a Mill and Lathe to fabricate fuel grain.
- Use Propep to determine best fuel and oxidizer for the engine.

Statics and Dynamics Honors Project — Summer 2014

- Used Abaqus to analyse Beam structures and saw the effects of the second moment inertia.

ACTIVITIES

National Society of Black Engineers (NSBE) — 2013 - Present
Senator

- Help Refine NSBE constitution.
- Represent the Texas A&M Chapter of NSBE at both National and Regional Conferences.
- Recruit new members.

American Society of Mechanical Engineers — 2013 - Present
Society of Automotive Engineers — 2013 - Present
Honors Student Council — 2013 - Present

HONORS

Texas A&M University Honors Student — Spring 2014 - Present
Phi Eta Sigma Honors Society — 2013 - Present
The National Society Collegiate Scholars — 2014 - Present

VOLUNTEER

NSBE — Spring 2013 - Present
Pre-College Initiative

- Educate students in Bryan high School on the benefits of going to college and studying engineering.

Phi Eta Sigma — Spring 2014 - Present
Street Clean-up

- Help keep the Brazos Valley clean.

Honors Student Council — Spring 2014 - Present
Big Event

- Helped clean the yard and mowed the lawn a family in Bryan.

SKILLS

LabVIEW, MATLAB, C++, Abaqus, AUTOCAD, SolidWorks, Microsoft Office.