

# Lotanna Afugbuom

Mechanical Engineer

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## PERSONAL STATEMENT

My value to your firm comes from diligently executing responsibilities that improves the bottom line. And I aim to achieve that by adopting automation and other standard practices to improve your Overall Operations Effectiveness.

## WORK EXPERIENCE

- From May 2016 to August 2016  
Automation Engineer  
AK Supply, Anchorage, Alaska.
  - Developed Reference Architectures for RFID Deployment at remote Telecommunication sites Inventory management systems.
- From March 2015 to December 2015  
Subsea Automation Engineer  
International Energy Services Limited, Lagos, Nigeria.
  - Developed Enterprise-Software solutions to Automate Subsea Equipment Design.
- From January 2014 to November 2015  
Process Automation Engineer, Intern  
Nexus Alliance Limited, Portharcourt, Nigeria.
  - Process Automation of Chevron's Gas Compression Escravos Produced Water Disposal System.
  - Process Automation of Kaduna and Portharcourt Refineries.
- From August 2013 to March 2015  
Founder and Designer  
BERL CAD Solutions, Portharcourt, Nigeria.
  - Engineering and Drafting of HVAC Chiller Units.
  - Pipe stress Analysis.
- From March 2010 to October 2011  
Piping Engineer, Intern  
Dorman Long Engineering, Lagos, Nigeria.
  - Drafted Autocad Drawings for Shell's Bonga FPSO.

## TECHNICAL SKILLS

### SOFTWARES

- MATLAB / Simulink
- ANSYS Workbench
- SCHLUMBERGER PIPESIM
- Pipe Flow Expert
- Bentley AutoPIPE
- Bentley SACS
- Mathcad Prime
- Autodesk Inventor
- AutoCad
- Microsoft VBA
- 3ds Max
- Microsoft Visio

### ENGINEERING

- Process Flow Diagrams
- Process and Instrumentation
- Control Systems
- Finite Element Analysis
- Design Optimization
- Dynamic Systems Simulation
- Pipe Stress Analysis
- Structural Analysis
- Computer Aided Design

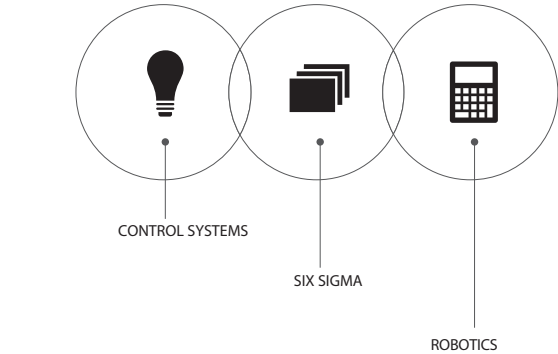
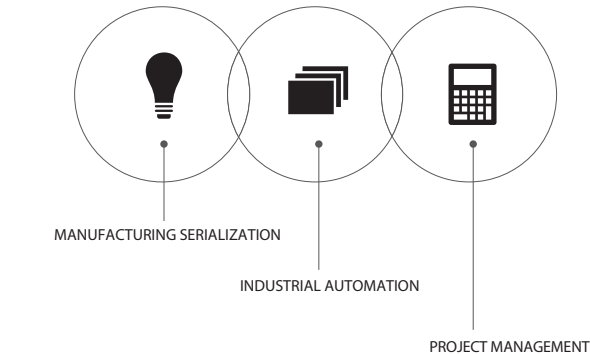
## LANGUAGES



## EDUCATION

- From January 2016 to Present  
Mechanical Engineering Technology, Graduate.  
University of Houston, Texas.
- From December 2014 to March 2015  
Process Piping Design and Engineering, Diploma.  
Institute of Piping Engineering and Building Services, Hyderabad, India.
- From October 2007 to August 2012  
Industrial Engineering, Undergraduate.  
Nnamdi Azikiwe University, Anambra, Nigeria

## KNOWLEDGE AREAS



## HOBBIES & INTERESTS

