

# AYOMIDE ADELAJA

(US Citizen)

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## SUMMARY

Mechanical engineer with project management knowledge and experience in the power generation and automobile industry. Seeking a fulfilling position at a company with an enthralling work culture and would exploit the skills I have acquired over the years.

## EDUCATION

Masters of Science in Technology Project Management May, 2018  
University of Houston – Houston, Texas

Bachelor of Engineering (Hons). Mechanical Engineering June, 2015  
University of Liverpool, Liverpool United Kingdom  
Overall GPA: 3.3

## RELEVANT COURSEWORK

Electrical Electronics, Structural Materials, Heat transfer, Composite materials, Fluid mechanics, Heat Transfer, Advanced Modern Management, Project Management, Vibration and Control, Intro to finite elements, Material processing and selection, Aero engines, Mechatronics, Solid and Structures, Dynamics and Programming for engineering

## RELEVANT PROJECTS

- Developed, created and delivered an outreach activity to inspire the next generation of engineers
- Designed and created a 3D version of a single person city transporter
  - Created a 3D version of the brake and chassis system using the Pro-Engineering software
  - Contributed in designing a different form of head seat
- Built and managed a virtual Indian Restaurant with a group of 4 individuals.
  - Monitored project progression by creating a flattened work breakdown structure and setting a project baseline
  - Assigned task using a Gantt chart created with Microsoft Project.
- Used Finite Element Analysis to analyze different structural and performance issues of various dome shapes

## EXPERIENCE

Operations Intern Nov. 2015 – Dec. 2015  
Clarke Energy    Lagos, Nigeria

- Analyzed data using excel spreadsheets to predict potential plant breakdown occurrence
- Maintained up-to-date inventory of all parts replaced in the diesel and gas engines
- Aided with the general inspection of gas and diesel engines
- Assisted with evaluating a problem that resulted in a plant shutdown for about 12 hours

Technical Sales Agent Aug 2014 – Sept 2014  
Babbit Nigeria Limited    Lagos, Nigeria

- Teamed with personnel in order to sell finished car parts
- Assisted sales manager with marketing of products and making deliveries to consumers
- Generated at least \$10,000/week in sales
- Balanced accounts and reported any discrepancies

Assembly Line Intern

Shoreline Power Company      Lagos, Nigeria

July 2014 – Aug 2014

- Worked in the fabrication department at the shoreline factory
- Assisted project engineer with AutoCAD to design transformer housing
- Assembled transformer housing parts together
- Introduced a new sorting method by analyzing the company current techniques and looking for ways to improve production rate

## SKILLS

Autodesk Multi-physics simulation (FEA), Fluent, MS Office, Microsoft Project, Math lab and Pro-Engineering, CFD

Machining Tools: Folding machines, puncher, welding tool, handsaw, grinders, and shears.

## AWARDS

- Vice Chancellor Scholarship, University of Liverpool - 2012

## ACTIVITIES

- University of Houston- College of Technology Student Ambassador
- STEM Ambassador
- Volunteer at the Liverpool Missions for Homeless People
- Lean Manufacturing Course with JLR (Jaguar Land Rover) 2015
- Secretary, African Caribbean Society, Liverpool, UK 2015
- Language: English, Mandarin (Business)
- Sports: basketball, swimming and lawn tennis