

LAMBO ABEEB A.

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EDUCATION

University of Lagos

Program: Bachelor of Science, Mechanical Engineering.

CGPA: 4.50/5.00 – Top 1%, Faculty of Engineering, University of Lagos (2019/2020)

2015 – 2021

RELEVANT COURSES

Mechanics of Machine, Computer Aided Drawing, Fluid Mechanics, Automatic Control, Production Engineering, Introduction to Python Programming, Mechanical Measurement, and Mechatronics, Fluid Dynamics.

PROJECTS/RESEARCH EXPERIENCE

- Research Project on “Computational Study of Low Reynold number flow through a flexible conduit – Stenosed artery” using ANSYS (a CFD Tool). **Jan 2020-Nov2021**
- Group project on “Design of Human Powered Vehicle” using AutoCAD. **May 2018-Jun 2019**
- Impact testing and Hardness testing at Stress analysis lab, University of Lagos **June – Aug 2019**
- Throttling and separating calorimeter at Industrial lab, University of Lagos **June – Aug 2019**
- Experiments on cutting forces and velocities in turning operations **July – Sep 2019**
- Torsional Vibration at Mechanics of Machine lab, University of Lagos **Feb -May 2018**
- Dynamic balancing at the Meteorology lab, University of Lagos. **May – Jun2018**
- Friction losses in pipe and fittings at Metallurgy lab, University of Lagos **July -Sep 2018**
- Refrigeration Unit and convective heat transfer **Jan -Apr 2017**

ACHIEVEMENTS / AWARDS

- Dean’s Award for Academic Brilliance and Achievement. **Nov 2021**
- Endowment Fund recipient, University of Lagos. **2017 - 2021**
- Federal Government Scholarship Board Award. **2017- 2021**
- Most Valuable Player Award (MVP) University of Lagos Engineering Society (ULES). **Oct 2021**
- Special Recognition Award for outstanding contributions, University of Lagos Engineering Society (ULES). **Oct2021**
- Iye Subomi Scholarship, Otunba Tunwase Foundation. **2010-2013**
- Certificate of Merit, Nigerian Mathematics and Sciences Olympiads. **Jul 2013**
- Teaching Service Commission (Tescom) Merit Award. **Dec 2013**
- Best Student in Ogun State **2013**
- Best West Africa Examinations Council(WAEC) Result (Ijebu Muslim College) **2013**
- Overall Best Graduating Student Ijebu Muslim College (IMC) **2013**

WORK/INTERNSHIP EXPERIENCE

Project Engineer, Ariosh Limited

Sep 2022-present

- Led the management of Chevron Escravos gas plant laser scanning and 3D modelling project, including Work breakdown structure, cost estimation, and resource assignment using Primavera p6.
- Ensured the safe and quality delivery of projects within engineering standards by closely monitoring and controlling cost and schedules using Primavera p6.
- Assisted the procurement department with material sourcing and equipment procurement for the post-cheetah project.
- Coordinated and managed all engineering disciplines including mechanical, structural, electrical, and piping from conception to close out increasing productivity by 75%.
- Facilitated effective communication and collaboration among the project team, clients, and stakeholders.
- Developed efficient MS Excel spreadsheets, and weekly progress curves to monitor project actions and deliverables effectively.
- Developed and prepared the resource-loaded schedule, resource allocation, and project manpower histogram for the vent gas project and Chevron Escravos gas plant project.

Project Engineer, Maryson Energy Limited

June – Aug 2022

- Collaborated with cross-disciplinary teams to develop a project schedule for the fabrication of high-pressure pipe, pipe support, decanting support and hose hanger for fibreglass industries Nigeria limited using Microsoft project.
- Collaborated with the procurement department to produce the bill of quantities for the relocation of industrial PRMS at NN FEMS and retrofit of spur line.
- Drafted pipeline layout using AutoCAD.

Mechanical Design Engineer, Maclevi Projects Limited

May-June2022

- Drafted and routed pipes for a plant using plant3D.
- Studied piping and instrumentation drawing (p&Id).

Industrial Trainee, jubaili Bros Engineering Limited

July- Dec 2019

- Assisted in the pre-delivery inspection of the generator set and site commissioning.
- Performed diagnostic test and troubleshooting of generator set with replacement of obsolete generator parts.
- Participated in servicing and general cleaning of small (15kva) and large (2000kva) capacity generator sets by changing the oil filter, fuel filter and water separator.
- Successfully gained hand on experience in generator maintenance, coupling, and overhauling.

TEACHING AND LEADERSHIP EXPERIENCE

President, Rosarlaw Alumni Group

Jan 2020-present

- Created a forum to discuss community development goals.
- Fundraised a sum of \$5000 for the provision of teaching materials for my community school.
- Taught leadership and goal-setting classes, directly impacting over 500 students in 2 years.

IM Academy Instructor

Nov 2021-may2022

- Coached and mentored over 100 aspiring students in cryptocurrency using the go-live platform and swipe coin app.

Academic Tutor, University of Lagos

Aug 2015-Nov2021

- Coached and mentored prospective undergraduates, recording over 80% average success yearly.
- Prepared academic materials and organized tutorials for colleagues and other students at lower levels.

VOLUNTEER ACTIVITIES AND PROFESSIONAL MEMBERSHIP

Member, Nigeria Business Coalition Against AIDS (NIBUCAA)

May 2022

- Created awareness and enlightenment about HIV and AIDS at the wannune youth service camp.

Member, Nigeria Red Cross

May 2022

- Provided First- Aid treatment and performed cardio-pulmonary resuscitation (CPR) measures at wannune National youth service corps camp.

Member, American Society of Heating, Refrigeration and Air conditioning Engineers (ASHRAE)

June 2019

- Quiz moderator for ASHRAE Unilag Chapter.

Engineering Career expo (ECX), University of Lagos Engineering Society

May 2019

- Tasked with seeking sponsors for an engineering career.
- Aimed at equipping students with necessary 21st-century skills.

SKILLS AND INTEREST

- Technical Skills: AVEVA, AutoCAD, Microsoft Project, Microsoft Excel, Machine learning, Plant3D, Python, Primavera p6, ANSYS, Project management, Project Controls.
- Tools: Pandas, NumPy, Matplotlib, Sci-Kit Learn, Jupyter Notebook
- Soft Skills: Teamwork, Problem-solving, Time management, Critical Thinking

CERTIFICATIONS/ COURSES

- Project planning and Scheduling Masterclass by Basharat Bhatti **2022**
- Machine learning with python) Udemey **2022**
- AutoCAD professional Training (CADD CENTRE) **2018**